



## Federal Implementation Guideline for Electronic Data Interchange

**ASC X12 003050 Transaction Set 860  
Purchase Order Change Request -  
Buyer Initiated (Revision 1)**

### Implementation Convention



U.S. DEPARTMENT OF COMMERCE  
Technology Administration  
National Institute of  
Standards and Technology

**T**he National Institute of Standards and Technology was established in 1988 by Congress to “assist industry in the development of technology . . . needed to improve product quality, to modernize manufacturing processes, to ensure product reliability . . . and to facilitate rapid commercialization . . . of products based on new scientific discoveries.”

NIST, originally founded as the National Bureau of Standards in 1901, works to strengthen U.S. industry's competitiveness; advance science and engineering; and improve public health, safety, and the environment. One of the agency's basic functions is to develop, maintain, and retain custody of the national standards of measurement, and provide the means and methods for comparing standards used in science, engineering, manufacturing, commerce, industry, and education with the standards adopted or recognized by the Federal Government.

As an agency of the U.S. Commerce Department's Technology Administration, NIST conducts basic and applied research in the physical sciences and engineering, and develops measurement techniques, test methods, standards, and related services. The Institute does generic and precompetitive work on new and advanced technologies. NIST's research facilities are located at Gaithersburg, MD 20899, and at Boulder, CO 80303. Major technical operating units and their principal activities are listed below. For more information contact the Publications and Program Inquiries Desk, 301-975-3058.

---

### **Office of the Director**

- National Quality Program
- International and Academic Affairs

### **Technology Services**

- Standards Services
- Technology Partnerships
- Measurement Services
- Technology Innovation
- Information Services

### **Advanced Technology Program**

- Economic Assessment
- Information Technology and Applications
- Chemical and Biomedical Technology
- Materials and Manufacturing Technology
- Electronics and Photonics Technology

### **Manufacturing Extension Partnership Program**

- Regional Programs
- National Programs
- Program Development

### **Electronics and Electrical Engineering Laboratory**

- Microelectronics
- Law Enforcement Standards
- Electricity
- Semiconductor Electronics
- Electromagnetic Fields<sup>1</sup>
- Electromagnetic Technology<sup>1</sup>
- Optoelectronics<sup>1</sup>

### **Chemical Science and Technology Laboratory**

- Biotechnology
- Physical and Chemical Properties<sup>2</sup>
- Analytical Chemistry
- Process Measurements
- Surface and Microanalysis Science

### **Physics Laboratory**

- Electron and Optical Physics
- Atomic Physics
- Optical Technology
- Ionizing Radiation
- Time and Frequency<sup>1</sup>
- Quantum Physics<sup>1</sup>

### **Materials Science and Engineering Laboratory**

- Intelligent Processing of Materials
- Ceramics
- Materials Reliability<sup>1</sup>
- Polymers
- Metallurgy
- NIST Center for Neutron Research

### **Manufacturing Engineering Laboratory**

- Precision Engineering
- Automated Production Technology
- Intelligent Systems
- Fabrication Technology
- Manufacturing Systems Integration

### **Building and Fire Research Laboratory**

- Structures
- Building Materials
- Building Environment
- Fire Safety Engineering
- Fire Science

### **Information Technology Laboratory**

- Mathematical and Computational Sciences<sup>2</sup>
- Advanced Network Technologies
- Computer Security
- Information Access and User Interfaces
- High Performance Systems and Services
- Distributed Computing and Information Services
- Software Diagnostics and Conformance Testing

---

<sup>1</sup>At Boulder, CO 80303.

<sup>2</sup>Some elements at Boulder, CO.

# **Federal Implementation Guideline for Electronic Data Interchange**

## **ASC X12 003050 Transaction Set 860 Purchase Order Change Request - Buyer Initiated (Revision 1)**

### **Implementation Convention**

Electronic Commerce Acquisition Program Management Office  
Standard Management Committee - Secretariat  
National Institute of Standards and Technology  
Gaithersburg, MD 20899-0001

Editor: Dr. Jean-Philippe Favreau

January 1998



**U.S. DEPARTMENT OF COMMERCE**  
**William M. Daley, Secretary**

**Technology Administration**  
**Gary R. Bachula, Acting Under Secretary for Technology**

**National Institute of Standards and Technology**  
**Raymond G. Kammer, Director**

## **Reports on Information Technology**

The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

**National Institute of Standards and Technology Special Publication 881-42**  
**Natl. Inst. Stand. Technol. Spec. Publ. 881-42, 199 pages (Jan. 1998)**  
**CODEN: NSPUE2**

**U.S. GOVERNMENT PRINTING OFFICE**  
**WASHINGTON: 1998**

---

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402



# 860 Purchase Order Change Request - Buyer Initiated

Functional Group ID=**PC**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

## Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BCH	Beginning Segment for Purchase Order Change	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	>1		
	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
	110	CSH	Header Sale Condition	O	5		
LOOP ID - SAC						25	
	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	125	CUR	Currency	O	1		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
	140	DIS	Discount Detail	O	20		
Not Used	145	INC	Installment Information	O	1		
	150	DTM	Date/Time Reference	O	10		
	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	185	SI	Service Characteristic Identification	O	2		
	190	PID	Product/Item Description	O	200		
	200	MEA	Measurements	O	40		
	210	PWK	Paperwork	O	25		
	220	PKG	Marking, Packaging, Loading	O	200		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
	270	MAN	Marks and Numbers	O	10		
	274	G53	Maintenance Type	O	>1		
	275	TX1	Tax Information	O	>1		

## 860 - Purchase Order Change Request - Buyer Initiated

		LOOP ID - AMT		>1	
	277	AMT	Monetary Amount	O	1
	278	AT	Financial Accounting	O	1
	279	REF	Reference Numbers	O	>1
		LOOP ID - N9		1000	
	280	N9	Reference Number	O	1
	290	MSG	Message Text	O	1000
		LOOP ID - N1		200	
	300	N1	Name	O	1
	310	N2	Additional Name Information	O	2
	320	N3	Address Information	O	2
	330	N4	Geographic Location	O	>1
Not Used	335	NX2	Real Estate Property ID Component	O	3
	340	REF	Reference Numbers	O	12
	350	PER	Administrative Communications Contact	O	>1
Not Used	360	FOB	F.O.B. Related Instructions	O	1
Not Used	370	TD1	Carrier Details (Quantity and Weight)	O	2
	380	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	390	TD3	Carrier Details (Equipment)	O	12
	400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
	410	PKG	Marking, Packaging, Loading	O	200
		LOOP ID - LM		>1	
	420	LM	Code Source Information	O	1
Must Use	430	LQ	Industry Code	M	>1
		LOOP ID - SPI		>1	
	440	SPI	Specification Identifier	O	1
	450	REF	Reference Numbers	O	5
	460	DTM	Date/Time Reference	O	5
	470	MSG	Message Text	O	50
		LOOP ID - N1		20	
	480	N1	Name	O	1
	490	N2	Additional Name Information	O	2
	500	N3	Address Information	O	2
	510	N4	Geographic Location	O	1
Not Used	520	REF	Reference Numbers	O	20
	530	G61	Contact	O	1
	540	MSG	Message Text	O	50
		LOOP ID - CBI		>1	
	550	CBI	Contract and Cost Accounting Standards Data	O	1
	560	REF	Reference Numbers	O	20
	570	DTM	Date/Time Reference	O	5
	580	LDT	Lead Time	O	1
	590	MSG	Message Text	O	50

## Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
-------------	------------	------	--------------	---------	----------------	-----------------------

## 860 - Purchase Order Change Request - Buyer Initiated

		LOOP ID - POC		>1	
	010	POC	Line Item Change	O	1
Not Used	018	SI	Service Characteristic Identification	O	5
Not Used	020	CUR	Currency	O	1
	025	CN1	Contract Information	O	1
	030	PO3	Additional Item Detail	O	25
	040	CTP	Pricing Information	O	>1
Not Used	041	PAM	Period Amount	O	10
	049	MEA	Measurements	O	40
		LOOP ID - PID		1000	
	050	PID	Product/Item Description	O	1
Not Used	060	MEA	Measurements	O	10
	070	PWK	Paperwork	O	25
	080	PKG	Marking, Packaging, Loading	O	200
	090	PO4	Item Physical Details	O	>1
	100	REF	Reference Numbers	O	>1
	110	PER	Administrative Communications Contact	O	3
		LOOP ID - SAC		25	
	130	SAC	Service, Promotion, Allowance, or Charge Information	O	1
Not Used	135	CUR	Currency	O	1
	140	IT8	Conditions of Sale	O	1
	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2
	160	DIS	Discount Detail	O	20
Not Used	165	INC	Installment Information	O	1
Not Used	170	TAX	Tax Reference	O	>1
	180	FOB	F.O.B. Related Instructions	O	>1
	190	SDQ	Destination Quantity	O	500
	200	DTM	Date/Time Reference	O	10
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	1
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	250	TD3	Carrier Details (Equipment)	O	12
	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
	270	MAN	Marks and Numbers	O	10
Not Used	285	TC2	Commodity	O	2
	290	TX1	Tax Information	O	>1
	291	SPI	Specification Identifier	O	>1
	292	MSG	Message Text	O	>1
		LOOP ID - SCH		200	
	295	SCH	Line Item Schedule	O	1
Not Used	300	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	305	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	310	TD3	Carrier Details (Equipment)	O	12
Not Used	315	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
		LOOP ID - N9		1000	
	320	N9	Reference Number	O	1
	330	MSG	Message Text	O	1000
	331	LS	Loop Header	O	1

## 860 - Purchase Order Change Request - Buyer Initiated

LOOP ID - LDT			>1	
	332	LDT	Lead Time	O 1
	333	QTY	Quantity	O >1
	334	MSG	Message Text	O 1
	335	REF	Reference Numbers	O 3
LOOP ID - LM			>1	
	336	LM	Code Source Information	O 1
Must Use	337	LQ	Industry Code	M >1
	338	LE	Loop Trailer	O 1
LOOP ID - N1			200	
	340	N1	Name	O 1
	350	N2	Additional Name Information	O 2
	360	N3	Address Information	O 2
	370	N4	Geographic Location	O 1
Not Used	375	NX2	Real Estate Property ID Component	O 3
	380	REF	Reference Numbers	O 12
	390	PER	Administrative Communications Contact	O 3
Not Used	400	FOB	F.O.B. Related Instructions	O 1
	405	SCH	Line Item Schedule	O 200
Not Used	410	TD1	Carrier Details (Quantity and Weight)	O 2
	420	TD5	Carrier Details (Routing Sequence/Transit Time)	O 12
Not Used	430	TD3	Carrier Details (Equipment)	O 12
	440	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O 5
	450	PKG	Marking, Packaging, Loading	O 200
LOOP ID - LDT			>1	
	451	LDT	Lead Time	O 1
	452	MAN	Marks and Numbers	O 10
	453	QTY	Quantity	O 5
	454	MSG	Message Text	O 1
	455	REF	Reference Numbers	O 3
LOOP ID - SLN			1000	
Not Used	460	SLN	Subline Item Detail	O 1
Not Used	470	SI	Service Characteristic Identification	O 5
Not Used	480	PID	Product/Item Description	O 1000
Not Used	490	PO3	Additional Item Detail	O 104
Not Used	495	TC2	Commodity	O 2
LOOP ID - SAC			10	
Not Used	500	SAC	Service, Promotion, Allowance, or Charge Information	O 1
Not Used	505	CUR	Currency	O 1
Not Used	510	DTM	Date/Time Reference	O 10
Not Used	512	CTP	Pricing Information	O 25
Not Used	513	PAM	Period Amount	O 10
Not Used	514	PO4	Item Physical Details	O 1
Not Used	517	TAX	Tax Reference	O 3
LOOP ID - N1			10	
Not Used	520	N1	Name	O 1
Not Used	530	N2	Additional Name Information	O 2

# 860 - Purchase Order Change Request - Buyer Initiated

Not Used	540	N3	Address Information	O	2	
Not Used	550	N4	Geographic Location	O	1	
Not Used	560	NX2	Real Estate Property ID Component	O	3	
Not Used	570	REF	Reference Numbers	O	12	
Not Used	580	PER	Administrative Communications Contact	O	3	
LOOP ID - AMT					>1	
	590	AMT	Monetary Amount	O	1	
	600	REF	Reference Numbers	O	1	
LOOP ID - LM					>1	
	610	LM	Code Source Information	O	1	
Must Use	620	LQ	Industry Code	M	>1	

## Summary:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
Must Use	010	CTT	Transaction Totals	M	1		n2
	020	AMT	Monetary Amount	O	5		n3
Must Use	030	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.
3. When AMT is used, then one occurrence of AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use ST01	143	Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set	
		860 X12.15 Purchase Order Change Request - Buyer Initiated	
Must Use ST02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	



**Segment:** **BCH** **Beginning Segment for Purchase Order Change**  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates  
**Syntax Notes:**  
**Semantic Notes:**

- 1 BCH06 is the date assigned by the purchaser to purchase order.
- 2 BCH09 is the seller's order number.
- 3 BCH10 is the date assigned by the sender to the acknowledgment.
- 4 BCH11 is the date of the purchase order change request.

**Comments:**

## Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BCH01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set	M ID 2/2
			00 Original	
			01 Cancellation	
			07 Duplicate	
			14 Advance Notification	
			22 Information Copy	
			24 Draft	
Must Use	BCH02	92	<b>Purchase Order Type Code</b> Code specifying the type of Purchase Order	M ID 2/2
			CC Change to Contract	
			SW Stop Work	
			ZZ Mutually Defined	
Must Use	BCH03	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
	BCH04	328	<b>Release Number</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30
	BCH05	327	<b>Change Order Sequence Number</b> Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	O AN 1/8
Must Use	BCH06	373	<b>Date</b> Date (YYMMDD)	M DT 6/6
	BCH07	326	<b>Request Reference Number</b> Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)	O AN 1/45
Not Used	BCH08	367	<b>Contract Number</b> Contract number	O AN 1/30
	BCH09	127	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	O AN 1/30
	BCH10	373	<b>Date</b> Date (YYMMDD)	O DT 6/6
	BCH11	373	<b>Date</b>	O DT 6/6

		Date (YYMMDD)	
<b>BCH12</b>	<b>1166</b>	<b>Contract Type Code</b>	<b>O ID 2/2</b>
		Code identifying a contract type	
		CA	Cost Plus Incentive Fee (With Performance Incentives)
		CB	Cost Plus Incentive Fee (Without Performance Incentives)
		CH	Cost Sharing
		CS	Cost
		CW	Cost Plus Award Fee
		CX	Cost Plus Fixed Fee
		FB	Fixed Price Incentive Firm Target (With Performance Incentive)
		FC	Fixed Price Incentive Firm Target (Without Performance Incentive)
		FD	Fixed Price Redetermination
		FF	Fixed Price Incentive Successive Target (With Performance Incentive)
		FG	Fixed Price Incentive Successive Target (Without Performance Incentive)
		FH	Fixed Price Award Fee
		FJ	Fixed Price Level of Effort
		FK	No Cost
		FR	Firm Fixed Price
		FX	Fixed Price with Economic Price Adjustment
		LH	Labor Hours
		TM	Time and Materials
		ZZ	Mutually Defined
<b>BCH13</b>	<b>786</b>	<b>Security Level Code</b>	<b>O ID 2/2</b>
		Code indicating the level of confidentiality assigned by the sender to the information following	
		92	Government Confidential
		93	Government Secret
		94	Government Top Secret
<b>BCH14</b>	<b>587</b>	<b>Acknowledgment Type</b>	<b>O ID 2/2</b>
		Code specifying the type of acknowledgment	
		AC	Acknowledge - With Detail and Change
		AD	Acknowledge - With Detail, No Change
		AE	Acknowledge - With Exception Detail Only
		AK	Acknowledge - No Detail or Change
		AT	Accepted
		NA	No Acknowledgment Needed
<b>BCH15</b>	<b>640</b>	<b>Transaction Type Code</b>	<b>O ID 2/2</b>
		Code specifying the type of transaction	
		BO	Procurement Cancellation
			An order from an inventory control point to a procurement activity requesting that all or a portion of a procurement action be cancelled
		DG	Response
			A reply to an inquiry
		KB	Termination for Default
		KC	Definitization of Contract
		KD	Definitization of Order

KE	Exercise of Option
KF	Intent to Exercise Option
KG	Administrative Change
KH	Change Order
KI	Supplemental Agreement
KJ	Amended Shipping Instructions
KK	Provisioned Item
KM	Additions to General Provisions
KN	Request for Price Quote
KT	Termination for Convenience
ZZ	Mutually Defined

**BCH16**

**1232**

**Purchase Category**

**O ID 2/2**

Code identifying the broad category of products or services being acquired

AE	Architect and Engineering
CN	Construction
DR	Demolish, Dismantle or Replace
ER	Equipment Rental
IR	Inspect and Repair as Necessary
MD	Modification
OV	Overhaul
RD	Research and Development
RE	Repair
SB	Shipbuilding
SP	Supplies
SU	Subsistence
SV	Services
TE	Test and Evaluation
UT	Utilities

<b>Segment:</b>	<b>CUR</b> Currency
<b>Position:</b>	040
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
<b>Syntax Notes:</b>	1 If CUR08 is present, then CUR07 is required. 2 If CUR09 is present, then CUR07 is required. 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required. 4 If CUR11 is present, then CUR10 is required. 5 If CUR12 is present, then CUR10 is required. 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required. 7 If CUR14 is present, then CUR13 is required. 8 If CUR15 is present, then CUR13 is required. 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required. 10 If CUR17 is present, then CUR16 is required. 11 If CUR18 is present, then CUR16 is required. 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required. 13 If CUR20 is present, then CUR19 is required. 14 If CUR21 is present, then CUR19 is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	1 See Figures Appendix for examples detailing the use of the CUR segment.

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CUR01	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, or an individual BY Buying Party (Purchaser) PR Payer	M ID 2/2
Must Use	CUR02	100	<b>Currency Code</b> Code (Standard ISO) for country in whose currency the charges are specified	M ID 3/3
	CUR03	280	<b>Exchange Rate</b> Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	O R 4/6
	CUR04	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, or an individual PR Payer	O ID 2/2
	CUR05	100	<b>Currency Code</b> Code (Standard ISO) for country in whose currency the charges are specified	O ID 3/3
Not Used	CUR06	669	<b>Currency Market/Exchange Code</b> Code identifying the market upon which the currency exchange rate is based	O ID 3/3
Not Used	CUR07	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	X ID 3/3
Not Used	CUR08	373	<b>Date</b> Date (YYMMDD)	O DT 6/6
Not Used	CUR09	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	O TM 4/8
Not Used	CUR10	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 3/3

Not Used	CUR11	373	<b>Date</b> Date (YYMMDD)	X	DT 6/6
Not Used	CUR12	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM 4/8
Not Used	CUR13	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	X	ID 3/3
Not Used	CUR14	373	<b>Date</b> Date (YYMMDD)	X	DT 6/6
Not Used	CUR15	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM 4/8
Not Used	CUR16	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	X	ID 3/3
Not Used	CUR17	373	<b>Date</b> Date (YYMMDD)	X	DT 6/6
Not Used	CUR18	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM 4/8
Not Used	CUR19	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	X	ID 3/3
Not Used	CUR20	373	<b>Date</b> Date (YYMMDD)	X	DT 6/6
Not Used	CUR21	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X	TM 4/8

**Segment:** **REF** Reference Numbers  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
	16	Military Interdepartmental Purchase Request (MIPR) Number	
		A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement	
	2E	Foreign Military Sales Case Number	
		A reference number designating the foreign military sale records	
	2S	Catalog	
	2W	Change Order Authority	
	2X	Supplemental Agreement Authority	
	2Y	Wage Determination	
	73	Statement of Work (SOW)	
		Description of a product or service to be procured under a contract; statement of requirements	
	97	Package Number	
		A serial number indicating unit shipped	
	AH	Agreement Number	
	BL	Government Bill of Lading	
	CR	Customer Reference Number	
	DG	Drawing Number	
	DS	Defense Priorities Allocation System (DPAS) Priority Rating	
	E4	Charge Card Number	
	IJ	Standard Industry Classification (SIC) Code	
	IL	Internal Order Number	
	IQ	End Item	
	IX	Item Number	
	K4	Criticality Designator	
		A number assigned to a contract or order that expresses the relative importance of that contract or order and thereby assists the contractor in making performance decisions and assists in making production surveillance decisions	
	LT	Lot Number	
	NI	Military Standard (MIL-STD) Number	



		NJ	Technical Document Number		
		NL	Technical Order Number		
		P4	Project Code		
		PH	Priority Rating		
		PR	Price Quote Number		
		QC	Product Specification Document Number		
			Model designation of replacement component		
		RQ	Purchase Requisition No.		
		RS	Returnable Container Serial Number		
		S2	Military Specification Number (MILSPEC)		
		S3	Specification Number		
		T4	Signal Code		
			Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund		
		TG	Transportation Control Number (TCN)		
		TN	Transaction Reference Number		
		TP	Test Specification Number		
		VW	Standard		
		W2	Weapon System Number		
			Identifies a weapon system		
		W8	Suffix		
			Differentiates between partial actions taken on the original transaction		
		WF	Locally Assigned Control Number		
		XC	Cargo Control Number		
		XE	Transportation Priority Number		
			Number indicating the level of government priority associated with the transportation of a shipment		
		ZZ	Mutually Defined		
REF02	127	Reference Number		X	AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
REF03	352	Description		X	AN 1/80
			A free-form description to clarify the related data elements and their content		

<b>Segment:</b>	<b>FOB</b> F.O.B. Related Instructions
<b>Position:</b>	080
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify transportation instructions relating to shipment
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If FOB03 is present, then FOB02 is required.</li> <li>2 If FOB04 is present, then FOB05 is required.</li> <li>3 If FOB07 is present, then FOB06 is required.</li> <li>4 If FOB08 is present, then FOB09 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 FOB01 indicates which party will pay the carrier.</li> <li>2 FOB02 is the code specifying transportation responsibility location.</li> <li>3 FOB06 is the code specifying the title passage location.</li> <li>4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.</li> </ol>
<b>Comments:</b>	

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	FOB01	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges	M ID 2/2
			BP Paid by Buyer The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)	
			PE Prepaid and Summary Bill	
			PP Prepaid (by Seller)	
			PS Paid by Seller The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)	
	FOB02	309	<b>Location Qualifier</b> Code identifying type of location	X ID 1/2
			DE Destination (Shipping)	
			FV Free Alongside Vessel (Free On Board [F.O.B.] Point)	
			IT Intermediate FOB Point A location indicating the point of destination is not the origin or final destination but rather at some other point	
			KE Port of Embarkation	
			KL Port of Loading	
			KP Government Furnished Property FOB Point	
			OR Origin (Shipping Point)	
			W Worldwide Geographic Location Code	
			ZZ Mutually Defined	
Not Used	FOB03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80
Not Used	FOB04	334	<b>Transportation Terms Qualifier Code</b> Code identifying the source of the transportation terms	O ID 2/2
Not Used	FOB05	335	<b>Transportation Terms Code</b> Code identifying the trade terms which apply to the shipment transportation responsibility	X ID 3/3
	FOB06	309	<b>Location Qualifier</b>	X ID 1/2

860 - Purchase Order Change Request - Buyer Initiated

Code identifying type of location

DE	Destination (Shipping)
OR	Origin (Shipping Point)
ZZ	Mutually Defined

Not Used	FOB07	352	<b>Description</b>	<b>O</b>	<b>AN 1/80</b>
			A free-form description to clarify the related data elements and their content		
Not Used	FOB08	54	<b>Risk of Loss Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
			Code specifying where responsibility for risk of loss passes		
Not Used	FOB09	352	<b>Description</b>	<b>X</b>	<b>AN 1/80</b>
			A free-form description to clarify the related data elements and their content		

**Segment:** **CSH** Header Sale Condition

**Position:** 110

**Loop:**

**Level:** Heading

**Usage:** Optional

**Max Use:** 5

**Purpose:** To specify general conditions or requirements of the sale

**Syntax Notes:**

- 1 If CSH02 is present, then CSH03 is required.
- 2 If either CSH06 or CSH07 is present, then the other is required.

**Semantic Notes:**

- 1 CSH03 is the maximum monetary amount value which the order must not exceed.
- 2 CSH04 is the account number to which the purchase amount is to be charged.
- 3 CSH05 is the date specified by the sender to be shown on the invoice.
- 4 CSH06 identifies the source of the code value in CSH07.
- 5 CSH09 is the percent of the Set-Aside.

**Comments:**

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
CSH01	563	<b>Sales Requirement Code</b>	<b>O ID 1/2</b>
		Code to identify a specific requirement or agreement of sale	
		GS Guaranteed Sale	
		P2 Ship As Soon As Possible	
		P4 Do Not Preship	
		SC Ship Complete	
		SV Ship Per Release	
CSH02	564	<b>Do-Not-Exceed Action Code</b>	<b>O ID 1/1</b>
		Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565)	
		0 Cancel Balance of Order/Item that Exceeds Value Specified in Data Element 565	
		1 Cancel Entire Order/Item	
CSH03	610	<b>Amount</b>	<b>X N2 1/15</b>
		Monetary amount	
Not Used CSH04	508	<b>Account Number</b>	<b>O AN 1/35</b>
		Account number assigned	
Not Used CSH05	373	<b>Date</b>	<b>O DT 6/6</b>
		Date (YYMMDD)	
CSH06	559	<b>Agency Qualifier Code</b>	<b>X ID 2/2</b>
		Code identifying the agency assigning the code values	
		AX ANSI Accredited Standards Committee, X12	
CSH07	560	<b>Special Services Code</b>	<b>X ID 2/10</b>
		Code identifying the special service	
		PL Palletizing	
		S0050 Special Packaging	
Not Used CSH08	566	<b>Product/Service Substitution Code</b>	<b>O ID 1/2</b>
		Code indicating product or service substitution conditions	
Not Used CSH09	954	<b>Percent</b>	<b>O R 1/10</b>
		Percentage expressed as a decimal	

<b>Segment:</b>	<b>SAC</b> Service, Promotion, Allowance, or Charge Information
<b>Position:</b>	120
<b>Loop:</b>	SAC
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of SAC02 or SAC03 is required.</li> <li>2 If either SAC03 or SAC04 is present, then the other is required.</li> <li>3 If either SAC06 or SAC07 is present, then the other is required.</li> <li>4 If either SAC09 or SAC10 is present, then the other is required.</li> <li>5 If SAC11 is present, then SAC10 is required.</li> <li>6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.</li> <li>7 If SAC14 is present, then SAC13 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.</li> <li>2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.</li> <li>3 SAC08 is the allowance or charge rate per unit.</li> <li>4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.</li> <li>5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.</li> <li>6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.</li> <li>2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.</li> </ol>

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SAC01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge	M ID 1/1
	SAC02	1300	Service, Promotion, Allowance, or Charge Code Code identifying the service, promotion, allowance, or charge Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 4/4
Not Used	SAC03	559	Agency Qualifier Code Code identifying the agency assigning the code values	X ID 2/2
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code Agency maintained code identifying the service, promotion, allowance, or charge	X AN 1/10
	SAC05	610	Amount Monetary amount	O N2 1/15
	SAC06	378	Allowance/ Charge Percent Qualifier	X ID 1/1

860 - Purchase Order Change Request - Buyer Initiated

			Code indicating on what basis allowance or charge percent is calculated Refer to 003050 Data Element Dictionary for acceptable code values.		
	SAC07	332	<b>Percent</b> Percent expressed as a percent	X	R 1/6
	SAC08	118	<b>Rate</b> Rate expressed in the standard monetary denomination for the currency specified	O	R 1/9
	SAC09	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	X	ID 2/2
	SAC10	380	<b>Quantity</b> Numeric value of quantity	X	R 1/15
	SAC11	380	<b>Quantity</b> Numeric value of quantity	O	R 1/15
Not Used	SAC12	331	<b>Allowance or Charge Method of Handling Code</b> Code indicating method of handling for an allowance or charge	O	ID 2/2
	SAC13	127	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X	AN 1/30
Not Used	SAC14	770	<b>Option Number</b> A unique number identifying available promotion or allowance options when more than one is offered	O	AN 1/20
Not Used	SAC15	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O	AN 1/80



**Segment:** **ITD** Terms of Sale/Deferred Terms of Sale  
**Position:** 130  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify terms of sale  
**Syntax Notes:** 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.  
2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.  
3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.  
**Semantic Notes:** 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.  
**Comments:** 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Not Used	ITD01	336 Terms Type Code Code identifying type of payment terms	O ID 2/2
Not Used	ITD02	333 Terms Basis Date Code Code identifying the beginning of the terms period	O ID 1/2
	ITD03	338 Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	O R 1/6
Not Used	ITD04	370 Terms Discount Due Date Date payment is due if discount is to be earned	X DT 6/6
	ITD05	351 Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned	X N0 1/3
Not Used	ITD06	446 Terms Net Due Date Date when total invoice amount becomes due	O DT 6/6
	ITD07	386 Terms Net Days Number of days until total invoice amount is due (discount not applicable)	O N0 1/3
Not Used	ITD08	362 Terms Discount Amount Total amount of terms discount	O N2 1/10
Not Used	ITD09	388 Terms Deferred Due Date Date deferred payment or percent of invoice payable is due	O DT 6/6
Not Used	ITD10	389 Deferred Amount Due Deferred amount due for payment	X N2 1/10
Not Used	ITD11	342 Percent of Invoice Payable Amount of invoice payable expressed in percent	X R 1/5
Not Used	ITD12	352 Description A free-form description to clarify the related data elements and their content	O AN 1/80
Not Used	ITD13	765 Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced	X N0 1/2
Not Used	ITD14	107 Payment Method Code Code identifying type of payment procedures	O ID 1/1
Not Used	ITD15	954 Percent Percentage expressed as a decimal	O R 1/10

**Segment:** **DIS** Discount Detail  
**Position:** 140  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 20  
**Purpose:** To specify the exact type and terms of various discount information  
**Syntax Notes:**  
**Semantic Notes:** 1 DIS05 is the minimum for application of the discount.  
 2 DIS06 is the maximum for application of the discount.  
**Comments:**

## Data Element Summary

Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DIS01	653	<b>Discount Terms Type Code</b> Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc. POR % Discount per Units Ordered UNT Additional Units per Units Purchased	M ID 3/3
Must Use	DIS02	654	<b>Discount Base Qualifier</b> Code to define unit of discount, i.e., dollars, cases, alternate products, etc. PC Discount Determined as a Percentage of the Value of the Transaction UN Discount Determined to be Additional Units that Are Defined by Discount Control Limit Qualifier	M ID 2/2
Must Use	DIS03	655	<b>Discount Base Value</b> A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount	M R 1/10
Must Use	DIS04	656	<b>Discount Control Limit Qualifier</b> Code to define the units of the limits for determining discount DAT Time Limits for Discount DOF Dollars of Purchase	M ID 2/3
Must Use	DIS05	657	<b>Discount Control Limit</b> Amount or time associated with application of the discount	M N0 1/10
	DIS06	657	<b>Discount Control Limit</b> Amount or time associated with application of the discount	O N0 1/10

**Segment:** **DTM** Date/Time Reference  
**Position:** 150  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:** 1 At least one of DTM02 DTM03 or DTM06 is required.  
2 If either DTM06 or DTM07 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		002 Delivery Requested	
		007 Effective	
		017 Estimated Delivery	
		063 Do Not Deliver After	
		064 Do Not Deliver Before	
		077 Requested for Delivery (Week of)	
		093 Contract Expiration	
		106 Required By	
		174 Month Ending	
		181 Stop Work (as of)	
		193 Period Start	
		194 Period End	
		368 Submittal	
		Date an item was submitted to a customer	
		375 Delivery Start	
		The date that deliveries will begin	
		376 Delivery End	
		The date that deliveries will end	
		467 Signature	
		Date on which the accompanying signature was received	
		937 Department of Labor Wage Determination Date	
		994 Quote	
		The date on which a (price) quote was rendered	
		996 Required Delivery	
		A date on which or before, ordered goods or services must be delivered	
		997 Quote to be Received By	
		A date on which or before a quote must be received at a location specified in an RFQ	
DTM02	373	Date	X DT 6/6
		Date (YYMMDD)	
DTM03	337	Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-	

<b>DTM04</b>	<b>623</b>	59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
		<b>Time Code</b>	<b>O ID 2/2</b>
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
		CT	Central Time
		ET	Eastern Time
		GM	Greenwich Mean Time
		LT	Local Time
		MT	Mountain Time
		PT	Pacific Time
<b>DTM05</b>	<b>624</b>	<b>Century</b>	<b>O N0 2/2</b>
		The first two characters in the designation of the year (CCYY)	
<b>DTM06</b>	<b>1250</b>	<b>Date Time Period Format Qualifier</b>	<b>X ID 2/3</b>
		Code indicating the date format, time format, or date and time format	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>DTM07</b>	<b>1251</b>	<b>Date Time Period</b>	<b>X AN 1/35</b>
		Expression of a date, a time, or range of dates, times or dates and times	

**Segment:** **LDT** Lead Time  
**Position:** 160  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify lead time for availability of products and services  
**Syntax Notes:**  
**Semantic Notes:** 1 LDT04 is the effective date of lead time information.  
**Comments:** 1 LDT02 is the quantity of unit of time periods.

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	LDT01	345 Lead Time Code	M ID 2/2
		Code indicating the time range	
		AD From date of sample approval to first product shipment	
		AI From Date of a Specified Event to Delivery	
		AV From Date of Award to Date of Latest Delivery	
		AW From Date of Award to Date of Earliest Delivery	
		AX From Date of Award to Date of Completion	
		AY From Date of Award to Date of Delivery	
		AZ From Date of Receipt of Item to Date of Approval of Item	
Must Use	LDT02	380 Quantity	M R 1/15
		Numeric value of quantity	
Must Use	LDT03	344 Unit of Time Period or Interval	M ID 2/2
		Code indicating the time period or interval	
		CY Calendar Year	
		DA Calendar Days	
		KK Maximum Calendar Days	
		MO Month	
		QY Quarter of a Year	
		SA Semiannual	
		WK Weeks	
LDT04	373	Date	O DT 6/6
		Date (YYMMDD)	

<b>Segment:</b>	<b>PID</b> <b>Product/Item Description</b>
<b>Position:</b>	190
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	200
<b>Purpose:</b>	To describe a product or process in coded or free-form format
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PID04 is present, then PID03 is required.</li> <li>2 At least one of PID04 or PID05 is required.</li> <li>3 If PID07 is present, then PID03 is required.</li> <li>4 If PID08 is present, then PID03 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 Use PID03 to indicate the organization that publishes the code list being referred to.</li> <li>2 PID04 should be used for industry-specific product description codes.</li> <li>3 PID08 describes the physical characteristics of the product identified in PID04. A ``Y" indicates that the specified attribute applies to this item. A ``N" indicates it does not apply. Any other value is indeterminate.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used.</li> <li>2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> <li>3 PID07 specifies the individual code list of the agency specified in PID03.</li> </ol>

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PID01	349	<b>Item Description Type</b> Code indicating the format of a description F Free-form S Structured (From Industry Code List) X Semi-structured (Code and Text)	M ID 1/1
	PID02	750	<b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process characteristic Refer to 003050 Data Element Dictionary for acceptable code values.	O ID 2/3
	PID03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
	PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
	PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	PID06	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described	O ID 2/2
Not Used	PID07	822	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15
Not Used	PID08	1073	<b>Yes/No Condition or Response Code</b> Code indicating a Yes or No condition or response	O ID 1/1



<b>Segment:</b>	<b>MEA</b> Measurements
<b>Position:</b>	200
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	40
<b>Purpose:</b>	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.</li> <li>2 If MEA05 is present, then MEA04 is required.</li> <li>3 If MEA06 is present, then MEA04 is required.</li> <li>4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.</li> <li>5 Only one of MEA08 or MEA03 may be present.</li> </ol>
<b>Semantic Notes:</b>	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
<b>Comments:</b>	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

## Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
MEA01		737	<b>Measurement Reference ID Code</b>	<b>O</b> ID 2/2
			Code identifying the broad category to which a measurement applies	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
MEA02		738	<b>Measurement Qualifier</b>	<b>O</b> ID 1/3
			Code identifying a specific product or process characteristic to which a measurement applies	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
MEA03		739	<b>Measurement Value</b>	<b>X</b> R 1/20
			The value of the measurement	
MEA04		C001	<b>Composite Unit of Measure</b>	<b>X</b>
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	<b>Unit or Basis for Measurement Code</b>	<b>M</b> ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	C00102	1018	<b>Exponent</b>	<b>O</b> R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	<b>Multiplier</b>	<b>O</b> R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00104	355	<b>Unit or Basis for Measurement Code</b>	<b>O</b> ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	C00105	1018	<b>Exponent</b>	<b>O</b> R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	<b>Multiplier</b>	<b>O</b> R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b>	<b>O</b> ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	<b>Exponent</b>	<b>O</b> R 1/15
			Power to which a unit is raised	

## 860 - Purchase Order Change Request - Buyer Initiated

Not Used	C00109	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
	MEA05	740	<b>Range Minimum</b> The value specifying the minimum of the measurement range	X	R 1/20
	MEA06	741	<b>Range Maximum</b> The value specifying the maximum of the measurement range	X	R 1/20
Not Used	MEA07	935	<b>Measurement Significance Code</b> Code used to benchmark, qualify or further define a measurement value	O	ID 2/2
Not Used	MEA08	936	<b>Measurement Attribute Code</b> Code used to express an attribute response when a numeric measurement value cannot be determined	X	ID 2/2
Not Used	MEA09	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described	O	ID 2/2
Not Used	MEA10	1373	<b>Measurement Method or Device</b> The method or device used to record the measurement	O	ID 2/4

**Segment:** **PWK** Paperwork  
**Position:** 210  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To identify the type and transmission of paperwork or supporting information  
**Syntax Notes:** 1 If either PWK05 or PWK06 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**

- 1 PWK05 and PWK06 may be used to identify the addressee by a code number.
- 2 PWK07 may be used to indicate special information to be shown on the specified report.
- 3 PWK08 may be used to indicate action pertaining to a report.

## Data Element Summary

Ref.	Data		
Des.	Element	Name	Attributes
Must Use	PWK01	755 Report Type Code	M ID 2/2
		Code indicating the title or contents of a document, report or supporting item	
		<i>Use to identify the type of paper work that is being provided to or must be provided by the contractor.</i>	
		25 Purchase Plan	
		<i>Use to indicate a make or buy plan.</i>	
		35 Subcontractor Plan	
		AE Attachment	
		<i>Use to indicate some additional document, e.g., list of government furnished property, related to the award instrument or modification is being sent by means other than within the transaction set. Specify the nature of the document in PWK07.</i>	
		C1 Cost Data Summary	
		<i>Use to indicate non-certified cost and price data.</i>	
		C5 Certified Cost and Price Data	
		C6 Wage Determination	
		<i>When used, identify the Wage Determination number in the 1/REF/050 segment using code 2Y in REF01.</i>	
		CP Certificate of Compliance (Material Certification)	
		<i>Use to indicate a Certificate of Conformance. When used, PWK04 should cite code PC.</i>	
		CX Cost/Schedule Status Report (C/SSR)	
		Contract status report showing budget, performance, actual, cost variance, schedule variance, budget at complete, estimate at complete, and variance at complete at specified levels of the work breakdown structure	
		CY Contract Funds Status Report (CFSR)	
		Status report for funds appropriation including commitments, actual cost, forecast of billings, and estimated termination costs	
		DW Drawing(s)	
		F1 Cost Performance Report (CPR) Format 1	
		Detailed contract status report including current reporting month values at specified levels of the work breakdown structure	
		F2 Cost Performance Report (CPR) Format 2	

			Detailed contract status report at specified levels of the organization breakdown structure
		F3	Cost Performance Report (CPR) Format 3
			Contract baseline report that summarizes changes to the contract over a given reporting period with beginning and ending values
		F4	Cost Performance Report (CPR) Format 4
			Contract resource summary report that forecasts labor requirements for the remainder of a contract
		F5	Cost Performance Report (CPR) Format 5
			Contract summary or detail report explaining significant cost or schedule variances
		IT	Certified Inspection and Test Results
		MR	Material Inspection and Receiving Report
		MS	Material Safety Data Sheet
		PD	Proof of Delivery
		PJ	Purchasing Specification
			Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging, transportation, delivery, and payments
			<i>Use to indicate a Statement of Work (SOW).</i>
		PM	Proof of Insurance
		PP	Proposal
		S9	Representation
			A statement (report) by a prospective contractor that makes a representation about a specific condition
			<i>Use to indicate a payment and performance bond.</i>
		SF	Contract Security Classification Specification
			<i>Use to indicate that additional information relative to the Contract Security Classification Specification transmitted in this transaction set will be provided.</i>
		SN	Shipping Notice
		SP	Specification
		US	"BUY AMERICA" Certification of Compliance
PWK02	756	Report Transmission Code	O ID 1/2
			Code defining timing, transmission method or format by which reports are to be sent
			<i>While any listed code can be used, code EL is preferred when the indicated paperwork can be provided electronically using one of the transaction sets specifically designed for the purpose.</i>
		BE	By Mail and Electronically
			<i>Use to indicate E-Mail</i>
		BM	By Mail
			<i>Use to indicate transmittal via the United States Postal Service (USPS).</i>
		CF	Courier
			<i>Use to indicate transmittal via commercial express courier.</i>
		DA	Data
			<i>Use to indicate other forms of electronic transfer. When used, identify the other form in PWK07.</i>
		EL	Electronically Only
			<i>1. Use to indicate that data was or is to be sent by a</i>



*separate EDI transaction set.*

**2. If data has been sent by a separate EDI transaction set, identify the unique number of the transaction set in REF02 of the 1/REF/050 segment citing code TN in REF01**

FX

By Fax

IA

Electronic Image

*Use to indicate the World Wide Web. When used, provide the Universal Resource Locator (URL) where information is to be obtained in PWK07.*

WS

With Shipment (With Package)

PWK03

757

Report Copies Needed

O N0 1/2

The number of copies of a report that should be sent to the addressee

*The number of copies is assumed to be 1 unless a greater number is specified in this data element.*

PWK04

98

Entity Identifier Code

O ID 2/2

Code identifying an organizational entity, a physical location, or an individual

*Use to identify the recipient of the paperwork. If there is more than one recipient for the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Provide the address of the recipient in the 1/N1/300 segment and/or the recipient's communication number in the 1/PER/350 segment.*

44

Data Processing Service Bureau

*Use in conjunction with PWK01 code MS to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.*

7D

Contracting Officer Representative

7N

Party to Receive Proposal

BY

Buying Party (Purchaser)

*Use to indicate the Contracting Officer.*

C4

Contract Administration Office

Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area

IS

Party to Receive Certified Inspection Report

*Use when PWK01 is code IT or MR.*

KF

Audit Office

The office performing the audit

KG

Project Manager

The address of the person responsible for the management of a designated project

*Use to indicate the government party responsible for a project to include the Advisor under a Grant.*

KY

Technical Office

PA

Party to Receive Inspection Report

PC

Party to Receive Cert. of Conformance (C.A.A.)

SM

Party to Receive Shipping Manifest

ZD

Party to Receive Reports

The organization designated to receive reports

Not Used PWK05

66

Identification Code Qualifier

X ID 1/2

			Code designating the system/method of code structure used for Identification Code (67)	
Not Used	PWK06	67	<b>Identification Code</b>	X AN 2/20
			Code identifying a party or other code	
	PWK07	352	<b>Description</b>	O AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.</i>	
			<i>2. When PWK01 is code S9, use to identify the lead time for submission of the payment and performance bond.</i>	
			<i>3. When PWK02 is code DA, use to identify the other form of electronic transfer.</i>	
			<i>4. When PWK02 is code IA, use to identify the URL.</i>	
			<i>5. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
	PWK08	C002	<b>Actions Indicated</b>	O
			Actions to be performed on the piece of paperwork identified	
Must Use	C00201	704	<b>Paperwork/Report Action Code</b>	M ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
		2	Report to be Filed	
			<i>When PWK01 is code 25, 35, C1, C5, CP, CX, CY, F1, F2, F3, F4, F5, IT, MR, MS, PD, PM, PP, S9, SN, or US, use to indicate the specified paperwork is required to be provided by the contractor.</i>	
		PV	Provided	
			<i>When PWK01 is code AE, C6, DW, PJ, SF, or SP, use to indicate the specified paperwork will be provided by the buyer.</i>	
Not Used	C00202	704	<b>Paperwork/Report Action Code</b>	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
Not Used	C00203	704	<b>Paperwork/Report Action Code</b>	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
Not Used	C00204	704	<b>Paperwork/Report Action Code</b>	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
Not Used	C00205	704	<b>Paperwork/Report Action Code</b>	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	



Segment:	<b>PKG</b> Marking, Packaging, Loading
Position:	220
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	<ol style="list-style-type: none"> <li>1 At least one of PKG04 PKG05 or PKG06 is required.</li> <li>2 If PKG04 is present, then PKG03 is required.</li> <li>3 If PKG05 is present, then PKG01 is required.</li> </ol>
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.
Comments:	<ol style="list-style-type: none"> <li>1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.</li> <li>2 If PKG01 = ``F'', then PKG05 is used. If PKG01 = ``S'', then PKG04 is used. If PKG01 = ``X'', then both PKG04 and PKG05 are used.</li> <li>3 Use PKG03 to indicate the organization that publishes the code list being referred to.</li> <li>4 Special marking or tagging data can be given in PKG05 (description).</li> </ol>

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
PKG01	349	Item Description Type	X ID 1/1
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
		X Semi-structured (Code and Text)	
PKG02	753	Packaging Characteristic Code	O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described	
		<i>Use the listed codes to identify applicable packaging requirements.</i>	
		CD Cleaning or Drying Procedure	
		CT Cushioning Thickness	
		CUD Cushioning and Dunnage	
		HM Hazardous Material	
		IC Intermediate Container	
		LP Level Of Preservation	
		OPI Optional Procedure Indicator	
		PK Packing	
		<i>When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D 3951 is acceptable, cite MIL-STD 2073-2C code X in PKG04.</i>	
		PM Preservation Method	
		PML Preservation Material	
		SMK Special Marking	
		UC Unit Container	
		UCL Unit Container Level	

		WM	Wrapping Material		
PKG03	559	Agency Qualifier Code		X	ID 2/2
		Code identifying the agency assigning the code values			
		DF	Department of Defense (DoD)		
		GS	General Services Administration (GSA)		
			Responsible for Federal Specification		
		ZZ	Mutually Defined		
			<i>Use to indicate a federal activity other than DoD or GSA.</i>		
PKG04	754	Packaging Description Code		X	AN 1/7
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product			
		<i>1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in Code Source List 197 (MIL-STD 2073-2C).</i>			
		<i>2. When the contractor is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y", or "YY" (dependent on the number of positions in the code).</i>			
		<i>3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD 2073-2C. Use PKG05 to provide supplementary or special requirements.</i>			
		<i>4. When the requirement associated with a packaging characteristic code is included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).</i>			
		<i>5. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>			
PKG05	352	Description		X	AN 1/80
		A free-form description to clarify the related data elements and their content			
		<i>Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.</i>			
Not Used	PKG06	400	Unit Load Option Code	X	ID 2/2
		Code identifying loading or unloading a shipment			

Segment:	<b>TD5</b> Carrier Details (Routing Sequence/Transit Time)
Position:	240
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	<ol style="list-style-type: none"> <li>1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.</li> <li>2 If TD502 is present, then TD503 is required.</li> <li>3 If TD507 is present, then TD508 is required.</li> <li>4 If TD510 is present, then TD511 is required.</li> </ol>
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> <li>1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.</li> </ol>

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Not Used TD501	133	<b>Routing Sequence Code</b> Code describing the relationship of a carrier to a specific shipment movement	O ID 1/2
TD502	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67)	X ID 1/2
	10	Department of Defense Activity Address Code (DODAAC) <i>When TD504 is code PL, use to indicate the DoDAAC of the pipeline.</i>	
TD503	67	<b>Identification Code</b> Code identifying a party or other code	X AN 2/20
TD504	91	<b>Transportation Method/Type Code</b> Code specifying the method or type of transportation for the shipment <i>1. Use any code other than code ZZ.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>  <i>D Parcel Post</i>  <i>Use to indicate the U.S. Postal Service and not a private carrier.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/2
Not Used TD505	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	X AN 1/35
Not Used TD506	368	<b>Shipment/Order Status Code</b> Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	X ID 2/2
Not Used TD507	309	<b>Location Qualifier</b> Code identifying type of location	O ID 1/2
Not Used TD508	310	<b>Location Identifier</b> Code which identifies a specific location	X AN 1/30
Not Used TD509	731	<b>Transit Direction Code</b> The point of origin and point of direction	O ID 2/2
Not Used TD510	732	<b>Transit Time Direction Qualifier</b>	O ID 2/2

860 - Purchase Order Change Request - Buyer Initiated

Code specifying the value of time used to measure the transit time				
Not Used	TD511	733	<b>Transit Time</b>	X R 1/4
The numeric amount of transit time				
	TD512	284	<b>Service Level Code</b>	X ID 2/2
Code defining service				

**1. Use any code other than code ZZ.**

**2. When TD401 is code EMR, use to identify the transportation requirements to satisfy the Emergency Order.**

Refer to 003050 Data Element Dictionary for acceptable code values.



Segment: **TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)  
 Position: 260  
 Loop:  
 Level: Heading  
 Usage: Optional  
 Max Use: 5  
 Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax Notes: 1 At least one of TD401 TD402 or TD404 is required.  
 2 If TD402 is present, then TD403 is required.

Semantic Notes:  
 Comments:

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		<i>Use any code, other than code ZZZ, but the listed codes are preferred.</i>	
		<i>AMM A.M. Delivery Requirement</i>	
		<i>DA Dangerous</i>	
		<i>EMR Emergency Service</i>	
		<i>Use to indicate an Emergency Order. When this code is used, TD512 may be used to specify transportation requirements.</i>	
		<i>EP Expedite</i>	
		<i>EX Explosive Flammable Gas</i>	
		<i>FG Flammable Gas</i>	
		<i>FL Flammable</i>	
		<i>FP Flammable Poison Gas</i>	
		<i>HM Endorsed as Hazardous Material</i>	
		<i>LT Less Than Full Carload</i>	
		<i>LTT Less Than Truckload</i>	
		<i>NC Notify Consignee before Delivery</i>	
		<i>PG Poisonous Gas</i>	
		<i>PMM P.M. Delivery Requirement</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD402	208	Hazardous Material Code Qualifier	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209)	
		<i>Use any code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD403	209	Hazardous Material Class Code	X AN 2/4
		Code specifying the kind of hazard for a material	
TD404	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

<b>Segment:</b>	<b>MAN</b> Marks and Numbers
<b>Position:</b>	270
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	10
<b>Purpose:</b>	To indicate identifying marks and numbers for shipping containers
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either MAN04 or MAN05 is present, then the other is required.</li> <li>2 If MAN06 is present, then MAN05 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.</li> <li>2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.</li> <li>3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.</li> <li>2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.</li> </ol>

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MAN01	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) S Entire Shipment	M ID 1/2
Must Use	MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	M AN 1/45
	MAN03	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/45
	MAN04	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) S Entire Shipment	X ID 1/2
	MAN05	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	X AN 1/45
	MAN06	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/45



**Segment:** **G53** Maintenance Type  
**Position:** 274  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To identify the specific type of item maintenance  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	G5301	875 Maintenance Type Code	M ID 3/3

Code identifying the specific type of item maintenance

001 Change

*Use only when codes 002 and 021 do not apply. When used, transmit the entire occurrence of the free standing segment(s) or the entire iteration of the loop(s).*

002 Delete

*Use only when deleting, without replacement, an entire occurrence of a free standing segment(s) or an entire iteration of a loop(s).*

021 Addition

*Use only when adding a new or first occurrence of a free standing segment(s) or a new or first iteration of a loop(s).*

<b>Segment:</b>	<b>TXI</b> Tax Information
<b>Position:</b>	275
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify tax information
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of TXI02 TXI03 or TXI06 is required.</li> <li>2 If either TXI04 or TXI05 is present, then the other is required.</li> <li>3 If TXI08 is present, then TXI03 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 TXI07 is a code indicating the relationship of the price or amount to the associated segment.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 TXI02 is the monetary amount of the tax.</li> <li>2 TXI03 is the tax percent expressed as a decimal.</li> <li>3 If TXI02 is not used, then the application of the percent (TXI03) is between trading partners.</li> </ol>

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TXI01	963	<b>Tax Type Code</b> Code specifying the type of tax <i>Use any code other than code ZZ.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
	TXI02	782	<b>Monetary Amount</b> Monetary amount	X R 1/15
	TXI03	954	<b>Percent</b> Percentage expressed as a decimal <i>Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).</i>	X R 1/10
Not Used	TXI04	955	<b>Tax Jurisdiction Code Qualifier</b> Code identifying the source of the data used in tax jurisdiction code	X ID 2/2
Not Used	TXI05	956	<b>Tax Jurisdiction Code</b> Code identifying the taxing jurisdiction	X AN 1/10
	TXI06	441	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/1
	TXI07	662	<b>Relationship Code</b> Code indicating the relationship between entities A Add <i>Use to indicate the tax amount cited in TXI02 is to be added to the total order amount.</i> D Delete <i>Use to indicate the tax amount cited in TXI02 has been deleted from the total order amount.</i> I Included <i>Use to indicate the tax amount cited in TXI02 is included in the total order amount.</i>	O ID 1/1
	TXI08	828	<b>Dollar Basis For Percent</b> Dollar basis to be used in the percent calculation of the allowance, charge or tax	O R 1/9
	TXI09	325	<b>Tax Identification Number</b>	O AN 1/20

TXI10	350	<p>Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number</p> <p><i>When TXI06 is used, provide the purchasing activity's tax exempt number when required by the taxing jurisdiction.</i></p> <p>Assigned Identification O AN 1/11</p> <p>Alphanumeric characters assigned for differentiation within a transaction set</p> <p><i>1. Use to identify the ACRN, project code, funding code, or accounting code to which a tax is applicable. These codes and their relationship to the financial accounting data they represent are established in the 1/AMT/277 loop.</i></p> <p><i>2. Use only when TXI07 is code A.</i></p>
-------	-----	--

**Segment:** **AMT** Monetary Amount  
**Position:** 277  
**Loop:** AMT  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use	AMT01	522 Amount Qualifier Code	M ID 1/2

*1. For the correct use of the following codes in various fee and profit arrangements by type of contract, see the table above.*

*2. Codes KC, ZR, and ZS are to be used in accordance with the notes or definition associated with each code depending on the code cited in BCH12.*

30	Contract Ceiling
	The ceiling price applicable to defined effort
32	Target Fee or Profit Amount
	The fee (can also be percent) of profit that will apply to defined contract effort
33	Original Contract Target Cost
	Value of the original negotiated contract
35	Current Target Cost
	Sum of Original Contract Target Cost and Negotiated Contract Changes
70	Open Commitments
	Value of supplies or other items committed to for payment (such as on delivery of products)
DQ	Settlement
	<i>Use to indicate the amount due the contractor resulting from a termination for convenience (BCH15 is code KT).</i>
E9	Initial Fee
	Beginning charge before any reductions
FE	Fee
K4	Initial Target Fee
K5	Minimum Fee
K6	Maximum Fee
KC	Obligated
	An amount a party has an obligation to pay upon a successful performance by another party, (e.g., funds obligated on a contract)
	<i>Use when the AT segment carries long line accounting data and cite the associated accounting code in the 1/REF/279 segment, e.g., code AX for the ACRN.</i>
KO	Committed Amount
ZQ	Initial Target Cost
ZR	Increase

ZS

*Use to indicate the net increase to accounting classification data as a result of this modification.*

Decrease

*Use to indicate the net decrease to a accounting classification data as a result of this modification.*

Must Use	AMT02	782	Monetary Amount	M	R 1/15
			Monetary amount		
Not Used	AMT03	478	Credit/Debit Flag Code	O	ID 1/1
			Code indicating whether amount is a credit or debit		



**Segment:** **AT** Financial Accounting  
**Position:** 278  
**Loop:** AMT  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit financial accounting data  
**Syntax Notes:** 1 If AT10 is present, then AT01 is required.  
**Semantic Notes:**  
**Comments:** 1 AT09 identifies unique local activity financial accounting information.

## Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	AT01	1271	<b>Industry Code</b> Code indicating a code from a specific industry code list	X AN 1/20
Must Use	AT02	1282	<b>Treasury Symbol Number</b> Number identifying a department, fiscal year, treasury account number, and appropriation limit for a standard accounting classification coding structure <i>Cite the basic appropriation number in this data element (department code through appropriation limit). Example: 171795961810.0400.</i>	O AN 7/21
Not Used	AT03	1283	<b>Budget Activity Number</b> Number identifying an administrative subdivision of funds against which a transaction is to be charged for a standard accounting classification coding structure	O AN 1/16
Not Used	AT04	1284	<b>Object Class Number</b> Number identifying the nature of the goods or services acquired and a specific office or organization using resources for a standard accounting classification coding structure	O AN 3/12
Not Used	AT05	1285	<b>Reimbursable Source Number</b> Number identifying the source of an appropriation or fund reimbursement for a standard accounting classification coding structure	O AN 1/3
Not Used	AT06	1286	<b>Transaction Reference Number</b> Number identifying an original request for goods and services to the matching financial transaction for a standard accounting classification coding structure	O AN 4/20
Must Use	AT07	1287	<b>Accountable Station Number</b> Number identifying an office responsible for entering a financial transaction into the applicable accounting system for a standard accounting classification coding structure <i>Cite the Accountable Station Number in this data element. The Accountable Station Code is the Fiscal Station Number (FSN) of both the Army and the Office of the Secretary of Defense (OSD), the Authorization Accounting Activity (AAA) of the Navy, or the Accounting and Disbursing Station Number (ADSN) used by the Air Force. The Accountable Station Codes (TAC 3) are published in DoD 7000.14-R "Financial Management Regulation". Civilian Agencies will cite their equivalent organization code.</i>	O AN 3/8
Not Used	AT08	1288	<b>Paying Station Number</b> Number identifying an office responsible for making a payment or collection and the corresponding voucher number under which the action was taken for a standard accounting classification coding structure	O AN 8/14
Must Use	AT09	352	<b>Description</b> A free-form description to clarify the related data elements and their content <i>Cite the balance of the financial accounting data which should include the Accountable Station Number cited in AT07.</i>	O AN 1/80
Not Used	AT10	1270	<b>Code List Qualifier Code</b> Code identifying a specific industry code list	O ID 1/3



Segment: **REF** Reference Numbers  
 Position: 279  
 Loop: AMT  
 Level: Heading  
 Usage: Optional  
 Max Use: >1  
 Purpose: To specify identifying numbers.  
 Syntax Notes: 1 At least one of REF02 or REF03 is required.  
 Semantic Notes:  
 Comments:

## Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
			10 Account Managers Code Identifies the telecommunications manager assigned to this account <i>Use to indicate an accounting code.</i>	
			1Z Financial Detail Code	
			AX Government Accounting Class Reference Number (ACRN)	
			FU Fund Code Defense Fuel Supply Cneter to bill back fuel purchases to the appropriate service or agency account fund	
			P4 Project Code	
			TH Transportation Account Code (TAC)	
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

**Segment:** **N9** **Reference Number**  
**Position:** 280  
**Loop:** N9  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number qualifier  
**Syntax Notes:**  
    1 At least one of N902 or N903 is required.  
    2 If N906 is present; then N905 is required.  
**Semantic Notes:**  
    1 N906 reflects the time zone which the time reflects.  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use N901	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
	5N	Citation of Statute	
		<i>Use to indicate the legislative authorization under which the award instrument, e.g., a grant, is awarded or modified. Cite the legislative program title in N903.</i>	
	73	Statement of Work (SOW)	
		Description of a product or service to be procured under a contract; statement of requirements	
	AU	Authorization to Meet Competition No.	
		<i>Use to indicate the FAR part 6 authority for using other than full and open competition.</i>	
	BB	Authorization Number	
		Proves that permission was obtained to provide a service	
		<i>Use to indicate the Code of Federal Regulations.</i>	
	CJ	Clause Number	
		<i>Use to indicate a purchasing activity clause (i.e., a clause not found in FAR, FAR, etc.). Identify the purchasing activity issuing the clause in N903.</i>	
	DF	Defense Federal Acquisition Regulations (DFAR)	
	DX	Department/Agency Number	
		<i>Use to indicate an Agency clause and identify the agency in N903.</i>	
	EC	Circular	
		<i>Use to indicate an Office of Management and Budget (OMB) circular number.</i>	
	FA	Federal Acquisition Regulations (FAR)	
	GS	General Services Administration Regulations (GSAR)	
	K7	Paragraph Number	
		<i>Use to indicate information for a contractor. Cite an applicable number in N902 and provide the information in the following MSG segment. The numbering system can be based on the uniform contract format, e.g., H-1 for special requirements or any other numbering system the originator desires.</i>	
	KD	Special Instructions Number	
		<i>Use to indicate a special instruction. Indicate the agency or purchasing activity issuing the special</i>	

*instruction in N903. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.*

KY	Site Specific Procedures, Terms, and Conditions
	A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents
KZ	Master Solicitation Procedures, Terms, and Conditions
	A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents
	<i>Use to indicate the Master Solicitation number that contains applicable terms and conditions.</i>
VB	Department of Veterans Affairs Acquisition Regulations (VAAR)
ZZ	Mutually Defined

*Use to indicate any other reference number that cannot use a specific qualifier code. Indicate the source of the reference in N903 and use the following MSG segment, if necessary, to pass text.*

N902	127	Reference Number	X	AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
N903	369	Free-form Description	X	AN 1/45
		Free-form descriptive text		

*1. When N901 is code CJ or DX, use to identify the agency or purchasing activity issuing the clause cited in N902.*

*2. When N901 is code ZZ, use to identify the source of the reference and use the following MSG segment for text, if necessary.*

*3. When N902 cites a FAR or other Progress Payment clause codified within 48 CFR and the Progress Payment rate or Progress Payment Liquidation rate is other than the customary rate, cite the words PROGRESS PAYMENT RATE or LIQUIDATION RATE and provide the rate in the following MSG segment.*

*4. Use of free-form text is discouraged if the information can be provided by some other means within the transaction set.*

N904	373	Date	O	DT 6/6
		Date (YYMMDD)		

*Use to identify the date of the clause cited in N902. The DD (day) portion of the date is always 01.*

Not Used	N905	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	N906	623	Time Code	O	ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a		

860 - Purchase Order Change Request - Buyer Initiated

restricted character, + and - are substituted by P and M in the codes that follow

**Segment:** **MSG** Message Text  
**Position:** 290  
**Loop:** N9  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1000  
**Purpose:** To provide a free form format that would allow the transmission of text information.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MSG01	933 Free-Form Message Text Free-form message text	M AN 1/264
<i>When citing a Progress Payment rate or Progress Payment Liquidation rate, the rate (percentage) shall be cited as a four position number with two decimal places. Cite 87 percent as 87.00, cite 87.5 percent as 87.50, cite 7.25 percent as 07.25.</i>			
Not Used	MSG02	934 Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2



**Segment:** **N1** Name  
**Position:** 300  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**  
     **1** At least one of N102 or N103 is required.  
     **2** If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**  
     **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
     **2** N105 and N106 further define the type of entity in N101.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use N101	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
	28	Subcontractor	
	31	Postal Mailing Address	
		<i>Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.</i>	
	44	Data Processing Service Bureau	
		<i>Use to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.</i>	
	54	Order Writer	
		Individual who receives the product from the customer and prepares the repair order describing work to be performed	
		<i>Use to indicate activities authorized to place orders against award instruments, e.g., requirements, indefinite quantity, Blanket Purchase Agreements (BPAs), Basic Ordering Agreements (BOAs), etc.</i>	
	61	Performed At	
		The facility where work was performed	
		<i>Use to indicate additional places of performance, if applicable.</i>	
	7D	Contracting Officer Representative	
	7E	Party Authorized to Definitize Contract Action	
	7G	Hazardous Material Office	
		<i>Use to indicate the installation Hazardous Material or Safety Office serving the ship-to location.</i>	
	7H	Government Furnished Property FOB Point	
	7M	Inspection and Acceptance Location	
		<i>Use to indicate the inspection and acceptance point when both are at the same location but the location is neither at origin nor at destination.</i>	
	7N	Party to Receive Proposal	



7P	Transportation Office
92	Support Party
	The organization supporting the resolution of an investigation
	<i>Use to indicate a secondary Contract Administration Office.</i>
AE	Additional Delivery Address
	<i>Use to indicate a shipment in-place location.</i>
BT	Bill-to-Party
	<i>Use to indicate the party who will provide reimbursement for the payment of a contractor's invoice. This is an internal government billed party and not the party the contractor bills. Use is discouraged. Use only when the contractor or other party receiving the order or copy of the order, needs to receive this information.</i>
BY	Buying Party (Purchaser)
C4	Contract Administration Office
	Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area
C9	Contract Holder
	<i>Use to indicate the party to whom the contract is awarded if other than the selling party, e.g., The Small Business Administration for a Section 8A award.</i>
CY	Country
	<i>Use to indicate the country to which a Foreign Military Sale applies. Cite "FMS" in N102 and cite the applicable two position ISO 3166 country code in N404.</i>
DL	Dealer
	<i>Use to indicate a dealer or reseller of products.</i>
DS	Distributor
	<i>Use to indicate a distributor of products.</i>
DZ	Delivery Zone
	Area where the product was delivered
	<i>1. Use to indicate an area to which deliveries are expected to be made under a requirements or an indefinite delivery type award instrument. Specify the zone in N104 (e.g., 10, 11, 12, etc., must be a minimum of 2 positions) using code ZN in N103 and identify the states or countries that comprise the zone in N402 or N404. The zone number will be cited in CTP10 and the price associated with delivery to that zone will be specified in CTP03.</i>
	<i>2. If the FOB point varies by delivery zone or by locations within a delivery zone, identify the FOB point in the 1/N4/330 segment.</i>
E5	Examiner
	<i>Use to indicate a Grant Investigator.</i>
FA	Facility
	<i>Use to indicate the principal place of performance</i>

IC	Intermediate Consignee <i>when other than the address identified with code SE. When FOB02 is code IT, use to indicate a freight forwarder.</i>
IS	Party to Receive Certified Inspection Report
KA	Item Manager The address of the person responsible for the management of an item of supply <i>Use to indicate the government inventory manager.</i>
KF	Audit Office The office performing the audit
KG	Project Manager The address of the person responsible for the management of a designated project <i>Use to indicate the government party responsible for a project to include the advisor under a Grant.</i>
KX	Free on Board Point <i>When FOB02 is code KE, KL, or ZZ, use to indicate the FOB point.</i>
KY	Technical Office <i>Use to indicate the technical office that has cognizance over the technical portion of the order, if different from the office originating the order. Do not use unless it is intended for the contractor to deal directly with the cited party.</i>
KZ	Acceptance Location <i>Use to indicate acceptance is at other than origin or destination.</i>
L1	Inspection Location Place where the item was viewed or inspected <i>Use to indicate the inspection location when it has to be described as an address.</i>
OI	Outside Inspection Agency <i>Use to indicate the inspection agency is other than the Contract Administration Office.</i>
PA	Party to Receive Inspection Report
PC	Party to Receive Cert. of Conformance (C.A.A.)
PL	Party to Receive Purchase Order <i>Use this code to indicate entities other than the contractor that are to receive copies of the modification.</i>
PN	Party to Receive Shipping Notice
PO	Party to Receive Invoice for Goods or Services <i>Use to indicate where the invoice should be mailed.</i>
PR	Payer <i>Use to indicate the paying office.</i>
PW	Pick Up Address <i>Use to indicate the location where government property is to be picked up for repair or other disposition.</i>
R6	Requester <i>Use to indicate the requesting agency/activity.</i>
RI	Remit To <i>Use to indicate the place to send payment if it is different from a contractor's address. e.g., a bank,</i>



		SE	<i>financial office location, etc.</i> Selling Party
		SM	<i>Use to indicate the party receiving the award. If the award is for a Section 8a tri-partied contract, also use code C9 to identify the Small Business Administration.</i> Party to Receive Shipping Manifest
		ST	Ship To <i>If the address is an FPO or APO, cite FPO or APO in N102, cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.</i>
		SV	Service Performance Site When services are contracted for, this describes the organization for whom or location address at which those services will be performed <i>Use to indicate the location where a service, e.g., grass cutting, is to be performed or where service for a product can be obtained.</i>
		TQ	Third Party Reviewing Organization (TPO) <i>Use to indicate the office for receipt of foreign disclosure sensitive information per DoD Directive 5230.25.</i>
		TS	Party to Receive Certified Test Results
		X2	Party to Perform Packaging A party responsible for packaging an item after it has been produced
		Z7	Mark-for Party The party for whom the needed material is intended
		ZD	Party to Receive Reports The organization designated to receive reports
N102	93	Name	X AN 1/35
		Free-form name	
N103	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		<i>While the Federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.</i>	
		1	D-U-N-S Number, Dun & Bradstreet <i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix <i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>
		10	Department of Defense Activity Address Code (DODAAC) <i>Use to indicate a Department of Defense or a Civilian Agency Activity Address Code.</i>
		33	Commercial and Government Entity (CAGE)
		A2	Military Assistance Program Address Code (MAPAC) Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity
		ZN	Zone

*When N101 is code DZ, use to indicate a delivery zone.*

**N104**      **67**      **Identification Code**      **X**      **AN 2/20**  
 Code identifying a party or other code

*When N103 is code ZN, cite one of the following:*

- a. A delivery zone designation, e.g., 01, 10, 1a, etc.*
- b. The word "CONUS" to specify all points within the continental United States that are not otherwise identified within a zone.*
- c. The word "WORLD" to specify all points outside the continental United States that are not otherwise identified within a zone.*

**Not Used**    **N105**      **706**      **Entity Relationship Code**      **O**      **ID 2/2**  
 Code describing entity relationship

**Not Used**    **N106**      **98**      **Entity Identifier Code**      **O**      **ID 2/2**  
 Code identifying an organizational entity, a physical location, or an individual

Segment: **N2** Additional Name Information  
Position: 310  
Loop: N1  
Level: Heading  
Usage: Optional  
Max Use: 2  
Purpose: To specify additional names or those longer than 35 characters in length  
Syntax Notes:  
Semantic Notes:  
Comments:

## Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35



**Segment:** **N3** Address Information  
**Position:** 320  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

**Segment:** **N4** Geographic Location  
**Position:** 330  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
 2 N402 is required only if city name (N401) is in the USA or Canada.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/11
N404	26	Country Code Code identifying the country <i>Cite the two position ISO 3166 country code.</i>	O ID 2/3
N405	309	Location Qualifier Code identifying type of location <i>1. When N101 is code DZ and the 1/FOB/080 segment is not used to identify the FOB point, use to specify the FOB point for a delivery zone or for a location within a zone.</i> <i>2. When N101 is code ST, use to specify an APO or FPO location, if applicable.</i> AR Armed Services Location Designation <i>Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).</i> DE Destination (Shipping) OR Origin (Shipping Point) ZN Zone Code Qualifies a code that identifies a geographic area where transportation rates apply <i>When it is necessary to associate the entity identified in N101 with a delivery zone, use this code in conjunction with an appropriate N101 code (e.g., DL, DS, SV, etc.).</i> ZZ Mutually Defined <i>Use to indicate an FOB point other than origin or destination. Identify the FOB point in N406.</i>	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location <i>1. When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).</i>	O AN 1/30

*2. When N405 is code ZZ, use to identify the location of the other FOB point. Cite the 5 position United Nations code for ports and other locations (UN/LOCODE) in accordance with the United Nations Location Code Manual.*

*3. When N405 is code ZN, use to identify a delivery zone associated with the entity identified in N101. Identify the delivery zone using the same zone number or keyword specified in establishing the zone.*

Segment: **REF** Reference Numbers  
 Position: 340  
 Loop: N1  
 Level: Heading  
 Usage: Optional  
 Max Use: 12  
 Purpose: To specify identifying numbers.  
 Syntax Notes: 1 At least one of REF02 or REF03 is required.  
 Semantic Notes:  
 Comments:

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
	10	Account Managers Code	
		Identifies the telecommunications manager assigned to this account	
		<i>Use to indicate an accounting code.</i>	
	19	Division Identifier	
		<i>Use to indicate the major subdivision name of the organization identified in N101. For example, School of Engineering or Adhesive Products Division. Cite the name in REF03.</i>	
	1Z	Financial Detail Code	
	9B	Repriced Line Item Reference Number	
		<i>1. Use to indicate a special price authorization number.</i>	
		<i>2. When used, code 1A should be used PER01 in the 1/PER/350 segment and code SPC should be used in CTP02 in the 2/CTP/040 segment within the POC loop of the line items authorized a special price.</i>	
	AT	Appropriation Number	
		<i>When used, cite the number in REF03.</i>	
	AX	Government Accounting Class Reference Number (ACRN)	
	BL	Government Bill of Lading	
	DP	Department Number	
		<i>Use to indicate the department, service, laboratory, or equivalent level within the major subdivision name (code 19) of the organization. For example, Department of Industrial Engineering or Sales Department. Cite the name in REF03.</i>	
	FU	Fund Code	
		Defense Fuel Supply Cneter to bill back fuel purchases to the appropriate service or agency account fund	
	IL	Internal Order Number	
		<i>Use to indicate the requisition number (MILSTRIP/FEDSTRIP document) number.</i>	
	P4	Project Code	
	TG	Transportation Control Number (TCN)	
	TH	Transportation Account Code (TAC)	

REF02	127	Reference Number	X	AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
REF03	352	Description	X	AN 1/80
		A free-form description to clarify the related data elements and their content		
		<i>When REF01 is code AT, use to identify the appropriation number.</i>		



Segment: **PER** Administrative Communications Contact

Position: 350

Loop: N1

Level: Heading

Usage: Optional

Max Use: &gt;1

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.

2 If either PER05 or PER06 is present, then the other is required.

3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use PER01	366	Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named <i>Use to identify the various individuals who can be contacted regarding specific areas of this modification.</i>	
	1A	Review/Repricing Contact	
		<i>1. When N101 is code SE, use to indicate an individual who authorized a one time special price for line items in this award instrument, e.g., a spot pricing reduction from an existing contract or catalog price. In this instance, PER02 MUST be used.</i>	
		<i>2. When used, cite a special price authorization number in the 1/REF/340 segment citing code 9B in REF01 and use the 2/CTP/040 segment in the POC loop of the line items authorized the special price citing code SPC in CTP02.</i>	
	AC	Administrative Contracting Officer	
		<i>Use in conjunction with N101 code C4.</i>	
	AT	Material Safety Data Sheet Contact	
		<i>Use in conjunction with N101 code 44.</i>	
	AV	Advisor	
		<i>Use in conjunction with N101 code KG to indicate the Government party who will work with the contractor on basic R&amp;D efforts in a particular science area.</i>	
	BD	Buyer Name or Department	
		<i>1. Includes Grants Management Specialists.</i>	
		<i>2. Use in conjunction with N101 code BY</i>	
	CD	Contract Contact	
		<i>Use in conjunction with N101 code 7D to indicate a Contracting Officer's Representative.</i>	
	CN	General Contact	
		<i>When N101 is code ST, use to indicate the accepting official at destination.</i>	
	HM	Hazardous Material Contact	
		<i>Use in conjunction with N101 code 7G.</i>	
	IC	Information Contact	
		<i>Use in conjunction with an applicable N101 code to</i>	

		<i>indicate an information point of contact when no other code applies.</i>	
	NT	Notification Contact	
		<i>When N101 is code ST and LDT01 in the 1/LDT/160 segment cites code AI, use to indicate the party to be contacted for shipping instructions.</i>	
	PC	Purchasing Contracting Officer (PCO)	
		Person to whom a warrant has been issued authorizing that person to obligate funds on behalf of the government	
		<i>1. Includes Grants/Contract Project Officer.</i>	
		<i>2. Use in conjunction with N101 code BY.</i>	
	PP	Program Manager	
		<i>1. Includes Grants Project Officer</i>	
		<i>2. Use in conjunction with N101 code KG</i>	
	QR	Ordering Officer	
		An individual authorized to place orders against existing contracts	
		<i>When N101 is code 54, use to indicate persons within an activity authorized to place orders against award instruments.</i>	
	RE	Receiving Contact	
		<i>When N101 is code ST and LDT01 in the 1/LDT/160 segment cites code AI, use to indicate the party to be contacted for to schedule a shipment.</i>	
	SI	Investigator	
		<i>Use in conjunction with N101 code SE to indicate the party designated as the principal investigator within the selling party's organization.</i>	
	SU	Supplier Contact	
		<i>Use in conjunction with N101 code SE to indicate a contact within the selling party's organization.</i>	
	TA	Traffic Administrator	
		<i>Use in conjunction with N101 code 7P to indicate a transportation officer, i.e., the party who can be contacted for a bill of lading or transportation information.</i>	
PER02	93	Name	O AN 1/35
		Free-form name	
		<i>Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.</i>	
PER03	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
	AU	Defense Switched Network	
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
	EM	Electronic Mail	
	FX	Facsimile	
	IT	International Telephone	
		<i>Include the country code.</i>	

		TE	Telephone	
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>	
PER04	364	Communication Number	X	AN 1/80
		Complete communications number including country or area code when applicable		
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>		
PER05	365	Communication Number Qualifier	X	ID 2/2
		Code identifying the type of communication number		
		<i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.</i>		
		AU	Defense Switched Network	
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
		EM	Electronic Mail	
		EX	Telephone Extension	
			<i>Use only if PER03 is used citing either code AU or TE.</i>	
		FX	Facsimile	
		IT	International Telephone	
			<i>Include the country code.</i>	
		TE	Telephone	
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>	
PER06	364	Communication Number	X	AN 1/80
		Complete communications number including country or area code when applicable		
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>		
PER07	365	Communication Number Qualifier	X	ID 2/2
		Code identifying the type of communication number		
		<i>Use to identify a third communications number for the party cited in PER02.</i>		
		AU	Defense Switched Network	
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
		EM	Electronic Mail	
		EX	Telephone Extension	
			<i>Use only if PER05 is used citing either code AU or TE.</i>	
		FX	Facsimile	
		IT	International Telephone	
			<i>Include the country code.</i>	
		TE	Telephone	
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>	
PER08	364	Communication Number	X	AN 1/80
		Complete communications number including country or area code when applicable		
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>		
PER09	443	Contact Inquiry Reference	O	AN 1/20

Additional reference number or description to clarify a contact number

***Use, if necessary, to provide the title of the party cited in PER02.***



**Segment:** **TD5** **Carrier Details (Routing Sequence/Transit Time)**  
**Position:** 380  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify the carrier and sequence of routing and provide transit time information  
**Syntax Notes:**

- 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
- 2 If TD502 is present, then TD503 is required.
- 3 If TD507 is present, then TD508 is required.
- 4 If TD510 is present, then TD511 is required.

**Semantic Notes:**  
**Comments:**

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Not Used TD501	133	<b>Routing Sequence Code</b> Code describing the relationship of a carrier to a specific shipment movement	O ID 1/2
TD502	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 10 Department of Defense Activity Address Code (DODAAC) <i>When TD504 is code PL, use to indicate the DoDAAC of the pipeline.</i>	X ID 1/2
TD503	67	<b>Identification Code</b> Code identifying a party or other code	X AN 2/20
TD504	91	<b>Transportation Method/Type Code</b> Code specifying the method or type of transportation for the shipment <i>1. Use any code other than code ZZ.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> <b>D Parcel Post</b> <i>Use to indicate the U.S. Postal Service and not a private carrier.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/2
Not Used TD505	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	X AN 1/35
Not Used TD506	368	<b>Shipment/Order Status Code</b> Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	X ID 2/2
Not Used TD507	309	<b>Location Qualifier</b> Code identifying type of location	O ID 1/2
Not Used TD508	310	<b>Location Identifier</b> Code which identifies a specific location	X AN 1/30
Not Used TD509	731	<b>Transit Direction Code</b> The point of origin and point of direction	O ID 2/2
Not Used TD510	732	<b>Transit Time Direction Qualifier</b>	O ID 2/2



860 - Purchase Order Change Request - Buyer Initiated

Code specifying the value of time used to measure the transit time				
Not Used	TD511	733	Transit Time	X R 1/4
The numeric amount of transit time				
	TD512	284	Service Level Code	X ID 2/2
Code defining service				

*Use any code other than ZZ.*

Refer to 003050 Data Element Dictionary for acceptable code values.

**Segment:** **TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)  
**Position:** 400  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify transportation special handling requirements, or hazardous materials information, or both

**Syntax Notes:** 1 At least one of TD401 TD402 or TD404 is required.  
 2 If TD402 is present, then TD403 is required.

**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		<i>Use any code, other than code ZZZ, but the listed codes are preferred.</i>	
		<i>AMM A.M. Delivery Requirement</i>	
		<i>DA Dangerous</i>	
		<i>EP Expedite</i>	
		<i>EX Explosive Flammable Gas</i>	
		<i>FG Flammable Gas</i>	
		<i>FL Flammable</i>	
		<i>FP Flammable Poison Gas</i>	
		<i>HM Endorsed as Hazardous Material</i>	
		<i>LT Less Than Full Carload</i>	
		<i>LTT Less Than Truckload</i>	
		<i>NC Notify Consignee before Delivery</i>	
		<i>PG Poisonous Gas</i>	
		<i>PMM P.M. Delivery Requirement</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD402	208	Hazardous Material Code Qualifier	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209)	
		<i>Use any code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD403	209	Hazardous Material Class Code	X AN 2/4
		Code specifying the kind of hazard for a material	
TD404	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

**Segment:** **PKG** Marking, Packaging, Loading  
**Position:** 410  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 200  
**Purpose:** To describe marking, packaging, loading, and unloading requirements  
**Syntax Notes:**

- 1 At least one of PKG04 PKG05 or PKG06 is required.
- 2 If PKG04 is present, then PKG03 is required.
- 3 If PKG05 is present, then PKG01 is required.

**Semantic Notes:**

- 1 PKG04 should be used for industry-specific packaging description codes.

**Comments:**

- 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
- 2 If PKG01 = "F", then PKG05 is used. If PKG01 = "S", then PKG04 is used. If PKG01 = "X", then both PKG04 and PKG05 are used.
- 3 Use PKG03 to indicate the organization that publishes the code list being referred to.
- 4 Special marking or tagging data can be given in PKG05 (description).

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PKG01	349	Item Description Type	X ID 1/1
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
		X Semi-structured (Code and Text)	
PKG02	753	Packaging Characteristic Code	O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described	
		<i>Use the listed codes to identify applicable packaging requirements.</i>	
		CD Cleaning or Drying Procedure	
		CT Cushioning Thickness	
		CUD Cushioning and Dunnage	
		HM Hazardous Material	
		IC Intermediate Container	
		LP Level Of Preservation	
		OPI Optional Procedure Indicator	
		PK Packing	
		<i>When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D 3951 is acceptable, cite MIL-STD 2073-2C code X in PKG04.</i>	
		PM Preservation Method	
		PML Preservation Material	
		SMK Special Marking	
		UC Unit Container	
		UCL Unit Container Level	

		WM	Wrapping Material		
PKG03	559	Agency Qualifier Code		X	ID 2/2
		Code identifying the agency assigning the code values			
		DF	Department of Defense (DoD)		
		GS	General Services Administration (GSA)		
			Responsible for Federal Specification		
		ZZ	Mutually Defined		
		<b>Use to indicate a federal activity other than DoD or GSA.</b>			
PKG04	754	Packaging Description Code		X	AN 1/7
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product			
		<b>1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in Code Source List 197 (MIL-STD 2073-2C).</b>			
		<b>2. When the contractor is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y", or "YY" (dependent on the number of positions in the code).</b>			
		<b>3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD 2073-2C. Use PKG05 to provide supplementary or special requirements.</b>			
		<b>4. When the requirement associated with a packaging characteristic code is included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).</b>			
		<b>5. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</b>			
PKG05	352	Description		X	AN 1/80
		A free-form description to clarify the related data elements and their content			
		<b>1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.</b>			
		<b>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</b>			
Not Used	PKG06	400	Unit Load Option Code	X	ID 2/2
			Code identifying loading or unloading a shipment		

**Segment:** **LM** **Code Source Information**  
**Position:** 420  
**Loop:** LM  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 LM02 identifies the applicable industry code list source information.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values <i>Use any code other than code ZZ. Use code DF to indicate the Department of Defense in preference to code DD.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier <i>When LQ01 is code ZZ, identify the code list that contains the code cited in LQ02.</i>	O AN 1/15



Segment: **LQ** Industry Code  
 Position: 430  
 Loop: LM  
 Level: Heading  
 Usage: Mandatory  
 Max Use: >1  
 Purpose: Code to transmit standard industry codes  
 Syntax Notes: 1 If LQ01 is present, then LQ02 is required.  
 Semantic Notes:  
 Comments:

## Data Element Summary

Ref.	Data		Attributes
Des.	Element	Name	
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		2 Type of Business Code	
		The classification of a contractor's business	
		<i>Use to indicate the contractor's type of business classification, e.g., small disadvantaged business, hospital, etc.</i>	
		6 Special Contract Provision Code	
		Certain contract clauses and provisions that require special attention	
		<i>Use to indicate special clauses that apply to the award instrument/modification.</i>	
		7 Quality Assurance Site Code	
		The site at which quality assurance is performed	
		<i>Use to indicate the inspection point.</i>	
		9 Indicator Code	
		A specific condition applies to the contract	
		<i>Use to indicate specific conditions that apply to the award instrument/modification.</i>	
		A9 Supplementary Address	
		Identifies the originating organization's unique logistics information	
		ZZ Mutually Defined	
		<i>Use to indicate that a code list is identified in LM02.</i>	
LQ02	1271	Industry Code	X AN 1/20
		Code indicating a code from a specific industry code list	
		<i>1. Use to cite a code from the code list identified by the qualifier in LQ01.</i>	
		<i>2. When LQ01 is code ZZ, use to cite a code from the code list identified in LM02</i>	

**Segment:** **SPI** **Specification Identifier**  
**Position:** 440  
**Loop:** SPI  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To provide a description of the included specification or technical data items  
**Syntax Notes:** 1 If either SPI02 or SPI03 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use SPI01	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following <i>Use to identify the highest level of safeguarding required for the data associated with the award instrument.</i> 92 Government Confidential 93 Government Secret 94 Government Top Secret	M ID 2/2
SPI02	128	Reference Number Qualifier Code qualifying the Reference Number. <i>Use to identify the award instrument applicable to the Contract Security Classification Specification.</i> CT Contract Number	X ID 2/2
SPI03	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
Not Used SPI04	790	Entity Title Title of the data entity	O AN 1/132
Not Used SPI05	791	Entity Purpose The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction	O AN 1/80
Not Used SPI06	792	Entity Status Code Code indicating the current status of the data item specified by the electronic data item	O ID 1/1
SPI07	353	Transaction Set Purpose Code Code identifying purpose of transaction set <i>Use to identify the type of Contract Security Classification Specification being issued.</i> 00 Original 04 Change <i>Use to identify a revised Contract Security Classification Specification.</i> 20 Final Transmission <i>Use to indicate a final Contract Security Classification Specification.</i>	O ID 2/2
SPI08	755	Report Type Code Code indicating the title or contents of a document, report or supporting item SF Contract Security Classification Specification	O ID 2/2
SPI09	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the	O ID 2/2

information following

*Use to identify the facility clearance level required for the award instrument.*

92 Government Confidential

93 Government Secret

94 Government Top Secret

Not Used	SPI10	559	<b>Agency Qualifier Code</b>	O	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SPI11	822	<b>Source Subqualifier</b>	O	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
Not Used	SPI12	554	<b>Assigned Number</b>	O	N0 1/6
			Number assigned for differentiation within a transaction set		
Not Used	SPI13	1322	<b>Certification Type Code</b>	O	ID 1/1
			Code indicating the type of certification		
Not Used	SPI14	1401	<b>Proposal Data Detail Identifier Code</b>	O	ID 1/3
			Code identifying the basis of a cited value in a proposal		

**Segment:** **REF** **Reference Numbers**  
**Position:** 450  
**Loop:** SPI  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Number Qualifier Code qualifying the Reference Number. 3X Subcontract Number KS Solicitation YB Revision Number <i>When SPI07 is code 04, use to indicate the revision number of the Contract Security Classification Specification.</i>	M ID 2/2
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80



Segment: **DTM** Date/Time Reference

Position: 460

Loop: SPI

Level: Heading

Usage: Optional

Max Use: 5

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.  
2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		036 Expiration	
		Date coverage expires	
		<i>When SPI02 is code CT, use to indicate the expiration date of the award instrument.</i>	
		165 Final Issue	
		<i>When SPI07 is code 20, use to indicate the date of the final Contract Security Classification Specification.</i>	
		171 Revision	
		<i>When SPI07 is code 04, use to indicate the date of the revised Contract Security Classification Specification.</i>	
		334 Re-evaluation Date	
		The date on which the student's placement in special education or other programs will be re-assessed	
		<i>Use to indicate the biennial review date of the Contract Security Classification Specification.</i>	
		703 Original Transaction	
		<i>When SPI07 is code 00, use to indicate the date of the original Contract Security Classification Specification.</i>	
	DTM02	373 Date	X DT 6/6
		Date (YYMMDD)	
Not Used	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
	DTM05	624 Century	O N0 2/2
		The first two characters in the designation of the year (CCYY)	
Not Used	DTM06	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format	
Not Used	DTM07	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	



**Segment:** **MSG** Message Text  
**Position:** 470  
**Loop:** SPI  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 50  
**Purpose:** To provide a free form format that would allow the transmission of text information.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2

**Segment:** **N1** Name  
**Position:** 480  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**  
     1 At least one of N102 or N103 is required.  
     2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**  
     1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
     2 N105 and N106 further define the type of entity in N101.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use N101	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
	28	Subcontractor	
	61	Performed At	
		The facility where work was performed	
		<i>Use to indicate the actual place of performance.</i>	
	B2	Other Unlisted Type of Organizational Entity	
		An organization, e.g., a business, the description of which cannot be accomplished using the existing code list and for which the trading partners have not mutually agreed to a definition for it	
		<i>Use to indicate an unlisted entity to whom distribution of the Contract Security Classification Specification is to be made.</i>	
	C4	Contract Administration Office	
		Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area	
	K1	Contractor Cognizant Security Office	
	K2	Subcontractor Cognizant Security Office	
	K3	Place of Performance Cognizant Security Office	
	K4	Party Authorizing Release of Security Information	
	K5	Party To Receive Contract Security Classification Specification	
	KG	Project Manager	
		The address of the person responsible for the management of a designated project	
		<i>Use to indicate the party responsible for a project to include the advisor under a Grant.</i>	
	KI	United States Overseas Security Administration Office	
	OI	Outside Inspection Agency	
		<i>Use to indicate another entity that has inspection responsibilities.</i>	
	PG	Prime Contractor	

		PV	Party performing certification		
N102	93	Name		X	AN 1/35
		Free-form name			
N103	66	Identification Code Qualifier		X	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)			
		<i>While the Federal EDI program uses the DUNs number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions</i>			
		1	D-U-N-S Number, Dun & Bradstreet		
			<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>		
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>		
		10	Department of Defense Activity Address Code (DODAAC)		
			<i>Use to indicate a Department of Defense or a Civilian Agency Activity Address Code.</i>		
		33	Commercial and Government Entity (CAGE)		
N104	67	Identification Code		X	AN 2/20
		Code identifying a party or other code			
Not Used	N105	706	Entity Relationship Code	O	ID 2/2
		Code describing entity relationship			
Not Used	N106	98	Entity Identifier Code	O	ID 2/2
		Code identifying an organizational entity, a physical location, or an individual			

**Segment:** **N2** Additional Name Information  
**Position:** 490  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element</b>		
<b>Must Use</b>	<b>N201</b>	<b>93</b>	<b>Name</b> Free-form name	<b>M</b> AN 1/35
	<b>N202</b>	<b>93</b>	<b>Name</b> Free-form name	<b>O</b> AN 1/35

**Segment:** **N3** Address Information  
**Position:** 500  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>		
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35



**Segment:** **N4 Geographic Location**  
**Position:** 510  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the USA or Canada.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/11
N404	26	Country Code Code identifying the country	O ID 2/3
N405	309	Location Qualifier Code identifying type of location AR Armed Services Location Designation <i>Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).</i>	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location <i>When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).</i>	O AN 1/30

**Segment:** **CB1** Contract and Cost Accounting Standards Data  
**Position:** 550  
**Loop:** CB1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify contract and cost accounting standards data  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use CB101	1309	Acquisition Data Code	M ID 2/2
		Code identifying acquisition data	
		18 Access to Communications Security Information Required	
		19 Access to Communication Security Information Not Required	
		20 Access to Restricted Data Required	
		21 Access to Restricted Data Not Required	
		22 Access to Critical Nuclear Weapon Design Information Required	
		23 Access to Critical Nuclear Weapon Design Information Not Required	
		24 Access to Formerly Restricted Data Required	
		25 Access to Formerly Restricted Data Not Required	
		26 Access to Sensitive Compartmented Information Required	
		27 Access to Sensitive Compartmented Information Not Required	
		28 Access to Non-sensitive Compartmented Information Required	
		29 Access to Non-sensitive Compartmented Information Not Required	
		30 Access to Special Access Information Required	
		31 Access to Special Access Information Not Required	
		32 Access to North Atlantic Treaty Organization Information Required	
		33 Access to North Atlantic Treaty Organization Information Not Required	
		34 Access to Foreign Government Information Required	
		35 Access to Foreign Government Information Not Required	
		36 Access to Limited Dissemination Information Required	
		37 Access to Limited Dissemination Information Not Required	
		38 Access to For Official Use Only Information Required	
		39 Access to For Official Use Only Information Not Required	
		40 Access to Other Type of Information Required	
		41 Access to Other Type of Information Not Required	
		42 Contractor Will Have Access to United States Classified Information at another Contractor's Facility	

- 43 or a Government Activity  
Contractor Will Not Have Access to United States  
Classified Information at another Contractor's Facility  
or a Government Activity
- 44 Contractor Will Receive Classified Documents Only
- 45 Contractor Will Not Receive Classified Documents  
Only
- 46 Contractor Will Receive or Generate Classified Material
- 47 Contractor Will Not Receive or Generate Classified  
Material
- 48 Contractor Will Fabricate, Modify, or Store Classified  
Hardware
- 49 Contractor Will Not Fabricate, Modify, or Store  
Classified Hardware
- 50 Contractor Will Perform Services Only
- 51 Contractor Will Not Perform Services Only
- 52 Contractor Will Have Access to United States  
Classified Information outside the United States, Puerto  
Rico, United States Possessions and Trust Territories
- 53 Contractor Will Not Have Access to United States  
Classified Information outside the United States, Puerto  
Rico, United States Possessions and Trust Territories
- 54 Contractor Will Be Authorized to use the Services of  
Defense Technical Information Center or other  
Secondary Distribution Center
- 55 Contractor Will Not Be Authorized to use the Services  
of Defense Technical Information Center or other  
Secondary Distribution Center
- 56 Contractor Will Require a Communications Security  
Account
- 57 Contractor Will Not Require a Communications  
Security Account
- 58 Contractor Will Have Tempest Requirements
- 59 Contractor Will Not Have Tempest Requirements
- 60 Contractor Will Have Operations Security  
Requirements
- 61 Contractor Will Not Have Operations Security  
Requirements
- 62 Contractor Will Be Authorized to use the Defense  
Courier Service
- 63 Contractor Will Not Be Authorized to use the Defense  
Courier Service
- 64 Contractor Will Have some other Authorization in the  
Performance of the Contract
- 65 Contractor Will Not Have some other Authorization in  
the Performance of the Contract
- 66 Facility Clearance Required
- 67 Facility Clearance Not Required
- 68 Follow-on Contract
- 69 Not a Follow-on Contract
- 70 Final Contract Security Classification Specification
- 71 Not a Final Contract Security Classification  
Specification
- 72 Direct Public Release Authorized
- 73 Direct Public Release Not Authorized
- 74 Additional Materials being Forwarded
- 75 No Additional Materials being Forwarded

- 76 Additional Requirements Established
- 77 Additional Requirements Not Established
- 78 Elements of the Contract are outside the Inspection Responsibility of the Cognizant Security Office
- 79 No Element of the Contract Is Outside the Inspection Responsibility of the Cognizant Security Office
- 80 Contractor Distribution Required
- 81 Contractor Distribution Not Required
- 82 Subcontractor Distribution Required
- 83 Subcontractor Distribution Not Required
- 84 Cognizant Security Office for Prime and Subcontractor Distribution Required
- 85 Cognizant Security Office for Prime and Subcontractor Distribution Not Required
- 86 United States Activity Responsible for Overseas Security Administration Distribution Required
- 87 United States Activity Responsible for Overseas Security Administration Distribution Not Required
- 88 Administrative Contracting Office Distribution Required
- 89 Administrative Contracting Office Distribution Not Required
- 90 Other Distribution Required
- 91 Other Distribution Not Required

Not Used CB102

1310

**Financing Type Code**

O ID 1/1

Code identifying the type of contract financing required by the submitter of a pricing proposal

Segment: **REF** Reference Numbers  
 Position: 560  
 Loop: CB1  
 Level: Heading  
 Usage: Optional  
 Max Use: 20  
 Purpose: To specify identifying numbers.  
 Syntax Notes: 1 At least one of REF02 or REF03 is required.  
 Semantic Notes:  
 Comments:

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
		43 Supporting Document Number Supports or clarifies information and values represented in a document <i>Use to indicate a reference (paragraph number or section) that contains additional information applicable to the DD Form 254. Cite the reference in REF02 and identify the document in REF03.</i>	
		KL Contract Reference <i>Use to indicate a reference (paragraph number or section) that contains additional security requirements or unique inspection requirements.</i>	
		KU Office Symbol A number assigned for reference to a specific office within an organization <i>When CB101 is code 90, use to indicate the office symbol to which additional distribution of the Contract Security Classification Specification (DD Form 254) is required.</i>	
		P1 Previous Contract Number <i>When CB101 is code 68, use to indicate the preceding award instrument under which classified data was received or generated.</i>	
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
REF03	352	Description A free-form description to clarify the related data elements and their content <i>1. When REF01 is code 43, use to identify the document that contains the paragraph number or section where the applicable information is located.</i> <i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	X AN 1/80



**Segment:** **DTM** Date/Time Reference  
**Position:** 570  
**Loop:** CB1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:** 1 At least one of DTM02 DTM03 or DTM06 is required.  
 2 If either DTM06 or DTM07 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 992 Date Requested <i>When CB101 is code 70, use to indicate the date of a contractor's request to retain classified material.</i>	M ID 3/3
	DTM02	373	<b>Date</b> Date (YYMMDD)	X DT 6/6
Not Used	DTM03	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	DTM04	623	<b>Time Code</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
	DTM05	624	<b>Century</b> The first two characters in the designation of the year (CCYY)	O N0 2/2
Not Used	DTM06	1250	<b>Date Time Period Format Qualifier</b> Code indicating the date format, time format, or date and time format	X ID 2/3
Not Used	DTM07	1251	<b>Date Time Period</b> Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

Segment: **LDT** Lead Time  
 Position: 580  
 Loop: CB1  
 Level: Heading  
 Usage: Optional  
 Max Use: 1  
 Purpose: To specify lead time for availability of products and services  
 Syntax Notes:  
 Semantic Notes: 1 LDT04 is the effective date of lead time information.  
 Comments: 1 LDT02 is the quantity of unit of time periods.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use LDT01	345	Lead Time Code Code indicating the time range BA From Date of Award to Expiration Date of Authorization <i>Use to indicate the authorized period for a contractor to retain classified materials.</i>	M ID 2/2
Must Use LDT02	380	Quantity Numeric value of quantity	M R 1/15
Must Use LDT03	344	Unit of Time Period or Interval Code indicating the time period or interval CY Calendar Year DA Calendar Days MO Month WK Weeks	M ID 2/2
Not Used LDT04	373	Date Date (YYMMDD)	O DT 6/6

**Segment:** **MSG** Message Text  
**Position:** 590  
**Loop:** CB1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 50  
**Purpose:** To provide a free form format that would allow the transmission of text information.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2

**Segment:** **POC** Line Item Change  
**Position:** 010  
**Loop:** POC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify changes to a line item  
**Syntax Notes:**

- 1 If POC03 is present, then both POC04 and POC05 are required.
- 2 If POC07 is present, then POC06 is required.
- 3 If either POC08 or POC09 is present, then the other is required.
- 4 If either POC10 or POC11 is present, then the other is required.
- 5 If either POC12 or POC13 is present, then the other is required.
- 6 If either POC14 or POC15 is present, then the other is required.
- 7 If either POC16 or POC17 is present, then the other is required.
- 8 If either POC18 or POC19 is present, then the other is required.
- 9 If either POC20 or POC21 is present, then the other is required.
- 10 If either POC22 or POC23 is present, then the other is required.
- 11 If either POC24 or POC25 is present, then the other is required.
- 12 If either POC26 or POC27 is present, then the other is required.

**Semantic Notes:** 1 POC01 is the purchase order line item identification.  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
POC01	350	Assigned Identification	O AN 1/11
		Alphanumeric characters assigned for differentiation within a transaction set	
		<i>1. Use to specify the Contract Line Item Number (CLIN), the Sub Contract Line Item Number (SUBCLIN), or the Exhibit Line Item Number (ELIN), if one is assigned.</i>	
		<i>2. When a line item is being modified, the same number as cited in the 850 transaction set, applicable to the line item being modified, must be cited in POC01.</i>	
Must Use POC02	670	Change or Response Type Code	M ID 2/2
		Code specifying the type of change to the line item	
		<i>Use to identify the type of changes this modification makes to table 2 of the award instrument to which this modification applies.</i>	
		AI	Add Additional Item(s)
			<i>Use only when the modification action requires the addition of a line item identified in POC01.</i>
		CA	Changes To Line Items
			<i>Use only when the code AI or DI do not apply. When used, the entire POC loop must be transmitted containing ALL information applicable, as of the modification date, to the line item identified in POC01</i>
		DI	Delete Item(s)
			<i>Use only when the modification action requires the deletion of a line item identified in POC01.</i>
POC03	330	Quantity Ordered	O R 1/9
		Quantity ordered	
		<i>1. Use to specify the quantity applicable to the line item. Step ladder quantities applicable to requirements and indefinite quantity type award instruments and the related prices are to be carried in the 2/CTP/040 segment.</i>	

		<i>2. Do not use this data element at the CLIN level if quantities are specified at the SUBCLIN level.</i>	
POC04	671	Quantity Left to Receive	X R 1/9
		Quantity left to receive as qualified by the unit of measure	
		<i>Use to identify the balance of the quantity to be received.</i>	
POC05	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		<i>1. Use any code.</i>	
		<i>2. A application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
		<i>3. Do not use this data element at the CLIN level if quantities are specified at the SUBCLIN level.</i>	
		<i>SX Shipment</i>	
		<i>Use when POC01 is a CLIN for transportation charges.</i>	
		<i>ZZ Mutually Defined</i>	
		<i>Use to indicate a Job or Task.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
POC06	212	Unit Price	X R 1/17
		Price per unit of product, service, commodity, etc.	
		<i>1. When POC07 is either code NC, NS, or TB, enter the number 0.</i>	
		<i>2. For IDC and similar award instruments, the unit price shall be based on standard commercial packaging and preservation. Use the 2/CTP/040 to identify prices for additional levels of packaging and preservation.</i>	
		<i>3. For IDC and similar award instruments that include zone pricing, this data element shall not be used. The unit price applicable to the individual zone shall be cited in the CTP segment.</i>	
POC07	639	Basis of Unit Price Code	O ID 2/2
		Code identifying the type of unit price for an item	
		ES	Estimated
		FB	Fabrication Cost
		<i>Use to indicate the price includes the incorporation of GFP into the item.</i>	
		KA	Price with Government Furnished Property
		<i>Use to indicate the price of the items includes the use of GFP to manufacture the item.</i>	
		NC	No Charge
		NE	Not to Exceed
		NS	Not Separately Priced
		<i>Use to indicate the item is not separately priced but is included in the price of the item to which it pertains.</i>	
		TB	To be negotiated.
POC08	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		<i>1. POC08 through POC27 are used in pairs, e.g., POC08 contains a qualifier code and POC09 contains data related to the code. All qualifier codes that can be used for these POC pairs are listed in POC08.</i>	
		<i>2. Any code, other than code ZZ, can be used, but the listed codes are</i>	



*preferred.*

**A8 Exhibit Line Item Number**

**AK Refined Product Code**

**CG Commodity Grouping**

*Use to indicate a commodity code, e.g., the 2 position Federal Supply Group code.*

**CH Country of Origin Code**

*When used, cite the two position ISO 3166 country code in the following 234 data element.*

**CL Color**

**EF Exhibit Identifier**

*Use to indicate the letter assigned to an exhibit.*

**F1 Catalog Number**

*Use to indicate a catalog number that can be used to identify the product.*

**F7 End-Item Description**

*Use to indicate the end item to which the ordered item applies.*

**F8 Next Higher Used Assembly**

*Use to indicate the next higher assembly to which the ordered item applies.*

**FS National Stock Number**

*The NSN shall be transmitted without dashes.*

**FT Federal Supply Classification**

*Use to indicate the 4 position Federal Supply Classification code or Product Service code.*

**IN Buyer's Item Number**

*Use to indicate a locally assigned code for a product or service whenever stock number does not apply.*

**KA Engineering Data List**

*Use to indicate the Engineering Data List that contains technical information related to the CLIN or SUBCLIN.*

**KB Data Category Code**

*When POC01 is a CLIN or SUBCLIN related to an exhibit, use to indicate the data category of a Contract Data Requirements List.*

**KD Replacement National Stock Number**

**KF Item Type Number**

**KG Time Compliant Technical Order**

**KI Cognizance Symbol**

**KJ Material Control Code**

**KK Special Material Identification Code**

**KL Item Management Code**

**KM Shelf-Life Code**

**KN Shelf-Life Action Code**

**LT Lot Number**

**MF Manufacturer**

*When used, cite the DUNS number of the manufacturer in the following data element.*

**MG Manufacturer's Part Number**

*When used, a second 235/234 pair must be used citing either code MF or ZB.*

**MN Model Number****N1 National Drug Code in 4-4-2 Format****N2 National Drug Code in 5-3-2 Format****N3 National Drug Code in 5-4-1 Format****N4 National Drug Code in 5-4-2- Format****ND National Drug Code (NDC)****PD Part Number Description***Use to indicate the noun nomenclature of the item.***PU Part Reference Number***Use to indicate a part number assigned by an industry (not related to a specific manufacturer). Do not use for National Drug Codes.***RC Returnable Container No.***Use to indicate an NSN, manufacturer's part number, or other identifying number (except a serial number) of a returnable container. The serial number of a returnable container will be carried in the REF segment with code RS.***SN Serial Number***Use to indicate the serial number of the item cited in POC01. For example, the serial number of an aircraft engine that is to be repaired.***SV Service Rendered***Use to indicate (in text) the service being ordered.***SW Stock Number***Use to indicate a local stock number.***SZ Vendor Alphanumeric Size Code (NRMA)***Use to indicate the size of an item being ordered.***UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)****VP Vendor's (Seller's) Part Number***Use to indicate a part number assigned by a contractor other than a manufacturer.***ZB Commercial and Government Entity (CAGE) Code***Use to indicate a manufacturer who can be identified by a CAGE code.**Refer to 003050 Data Element Dictionary for acceptable code values.*

POC09	234	<b>Product/Service ID</b>	X	AN 1/40
		Identifying number for a product or service		
POC10	235	<b>Product/Service ID Qualifier</b>	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
POC11	234	<b>Product/Service ID</b>	X	AN 1/40
		Identifying number for a product or service		
POC12	235	<b>Product/Service ID Qualifier</b>	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
POC13	234	<b>Product/Service ID</b>	X	AN 1/40
		Identifying number for a product or service		
POC14	235	<b>Product/Service ID Qualifier</b>	X	ID 2/2
		Code identifying the type/source of the descriptive number used in		

		Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.		
POC15	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
POC16	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.		
POC17	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
POC18	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.		
POC19	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
POC20	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.		
POC21	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
POC22	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.		
POC23	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
POC24	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.		
POC25	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
POC26	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.		
POC27	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		

**Segment:** **CN1** Contract Information  
**Position:** 025  
**Loop:** POC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify basic data about the contract or contract line item  
**Syntax Notes:**  
**Semantic Notes:**

- 1 CN102 is the contract amount.
- 2 CN103 is the allowance or charge percent.
- 3 CN104 is the contract code.
- 4 CN106 is an additional identifying number for the contract.

**Comments:**

## Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Must Use	CN101	1166 Contract Type Code	M ID 2/2
		Code identifying a contract type	
		CA Cost Plus Incentive Fee (With Performance Incentives)	
		CB Cost Plus Incentive Fee (Without Performance Incentives)	
		CH Cost Sharing	
		CS Cost	
		CW Cost Plus Award Fee	
		CX Cost Plus Fixed Fee	
		FB Fixed Price Incentive Firm Target (With Performance Incentive)	
		FC Fixed Price Incentive Firm Target (Without Performance Incentive)	
		FD Fixed Price Redetermination	
		<i>Use to indicate a prospective fixed price redetermination award line item.</i>	
		FF Fixed Price Incentive Successive Target (With Performance Incentive)	
		FG Fixed Price Incentive Successive Target (Without Performance Incentive)	
		FH Fixed Price Award Fee	
		FJ Fixed Price Level of Effort	
		FK No Cost	
		FR Firm Fixed Price	
		FX Fixed Price with Economic Price Adjustment	
		LH Labor Hours	
		TM Time and Materials	
		ZZ Mutually Defined	
		<i>Use to indicate a retroactive fixed price redetermination award line item.</i>	
Not Used	CN102	782 Monetary Amount	O R 1/15
		Monetary amount	
Not Used	CN103	332 Percent	O R 1/6
		Percent expressed as a percent	
Not Used	CN104	127 Reference Number	O AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	

860 - Purchase Order Change Request - Buyer Initiated

Not Used	CN105	338	<b>Terms Discount Percent</b>	<b>O R 1/6</b>
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
Not Used	CN106	799	<b>Version Identifier</b>	<b>O AN 1/30</b>
			Revision level of a particular format, program, technique or algorithm	



<b>Segment:</b>	<b>PO3</b> Additional Item Detail
<b>Position:</b>	030
<b>Loop:</b>	POC
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	25
<b>Purpose:</b>	To specify additional item-related data involving variations in normal price/quantity structure
<b>Syntax Notes:</b>	1 If PO304 is present, then at least one of PO303 or PO305 is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	1 Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level). 2 PO307 defines the unit of measure for PO306.

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PO301	371	Change Reason Code Code specifying the reason for price or quantity change	M ID 2/2
			AQ Alternate Quantity and Unit of Measure <i>Use to indicate that the CLIN, SUBCLIN, or ELIN has an alternate quantity and unit of measure (e.g., POC03/POC05 could cite 10,000 LB and PO306/07 could cite 10 SH. Both quantities and units of measure are applicable to the item being purchased - steel plates).</i>	
			EV Estimated Quantity <i>Use to indicate the quantity for the CLIN, SUBCLIN, or ELIN cited in POC01 is an estimate.</i>	
Not Used	PO302	373	Date Date (YYMMDD)	O DT 6/6
Not Used	PO303	236	Price Identifier Code Code identifying pricing specification	X ID 3/3
Not Used	PO304	212	Unit Price Price per unit of product, service, commodity, etc.	O R 1/17
Not Used	PO305	639	Basis of Unit Price Code Code identifying the type of unit price for an item	X ID 2/2
Must Use	PO306	380	Quantity Numeric value of quantity <i>Due to the mandatory nature of this data element, when PO301 is code EV, repeat the quantity cited in POC03.</i>	M R 1/15
Must Use	PO307	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> <i>3. Due to the mandatory nature of this data element, when PO301 is code EV, repeat the unit of measure cited in POC05.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	PO308	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80

**Segment:** CTP Pricing Information  
**Position:** 040  
**Loop:** POC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify pricing information  
**Syntax Notes:**

- 1 If either CTP04 or CTP05 is present, then the other is required.
- 2 If CTP06 is present, then CTP07 is required.
- 3 If CTP09 is present, then CTP02 is required.
- 4 If CTP10 is present, then CTP02 is required.

**Semantic Notes:**

- 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
- 2 CTP08 is the rebate amount.

**Comments:**

- 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Not Used CTP01	687	Class of Trade Code Code indicating class of trade	O ID 2/2
CTP02	236	Price Identifier Code Code identifying pricing specification	X ID 3/3
<i>Use to indicate the different prices for a line item.</i>			
	ALT	Alternate Price	
<i>Use to indicate a lease-to-purchase price.</i>			
	ICL	Unit Price Through Quantity	
<ol style="list-style-type: none"> <li>1. Use to indicate the end of a quantity range applicable to step ladder pricing.</li> <li>2. Use in conjunction with codes PBQ and MAX for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.</li> </ol>			
	MAX	Maximum Order Quantity Price	
<ol style="list-style-type: none"> <li>1. Use to indicate the quantity above which the price will not change for step ladder pricing.</li> <li>2. Use in conjunction with codes ICL and PBQ for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.</li> </ol>			
	PAP	Protection Level Price	
<i>Use to indicate the price for the packaging protection level (preservation) cited in CTP10. This amount is additive to the unit price cited in POC06 or to the zone</i>			

				<p><i>price cited in CTP03 (when CTP02 is code ZNP) which are based on standard commercial preservation.</i></p> <p>Price Break Quantity(s)</p> <p><i>Use to indicate a quantity where an incremental price break occurs. For example, if price breaks occur at quantities 11, 21, 31, etc., then for a purchase quantity of 25, the first 10 units are at the first price, the next 10 units are at the second price and the last 5 units are at the third price. This is in contrast to step ladder prices where all 25 units are one price.</i></p>
		PAQ		
		PBQ		<p>Unit Price Beginning Quantity</p> <p><i>1. Use to indicate the beginning of a quantity range applicable to step ladder pricing.</i></p> <p><i>2. Use in conjunction with codes ICL and MAX for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.</i></p>
		PPA		<p>Packing Level Price</p> <p><i>Use to indicate the price for the packaging level cited in CTP10. This amount is additive to the unit price cited in either PO104 of the 850 transaction set or POC06 of this transaction set or to the zone price cited in CTP03 (when CTP02 is code ZNP) which are based on standard commercial packaging.</i></p>
		SPC		<p>Special Price</p> <p><i>1. Use to indicate that the line item unit price cited in POC06, is a special price authorized by a representative of the selling party.</i></p> <p><i>2. When used, identify the authorizing party either in the 1/PER/360 or 2/PER/110 segment citing code 1A in PER01 and provide a special price authorization number either in the 1/REF/350 or 2/REF/100 segment citing code S0 in REF01.</i></p> <p><i>3. DO NOT use CTP03 when this code is used.</i></p>
		ZNP		<p>Zone Price</p> <p><i>Use to indicate the price for delivery to a zone cited in CTP10. This is the total price of the item and is based on standard commercial packaging and preservation. If a higher level of packaging and preservation is required, use additional repetitions of this segment citing code PAP and PPA in CTP02.</i></p>
CTP03	212	Unit Price	O R 1/17	
		Price per unit of product, service, commodity, etc.		
CTP04	380	Quantity	X R 1/15	
		Numeric value of quantity		
CTP05	355	Unit or Basis for Measurement Code	X ID 2/2	
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		<i>1. Use any code other than code ZZ.</i>		
		<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>		

## 860 - Purchase Order Change Request - Buyer Initiated

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	CTP06	648	<b>Price Multiplier Qualifier</b> Code indicating the type of price multiplier	O	ID 3/3
Not Used	CTP07	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	X	R 1/10
Not Used	CTP08	782	<b>Monetary Amount</b> Monetary amount	O	R 1/15
Not Used	CTP09	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item	O	ID 2/2
	CTP10	499	<b>Condition Value</b> Identifies rate restrictions or provisions	O	AN 1/10

*When CTP02 is code PAP, PPA, or ZNP, cite the applicable protection level, packing level or zone to which the price in CTP03 applies.*



<b>Segment:</b>	<b>MEA</b> Measurements
<b>Position:</b>	049
<b>Loop:</b>	POC
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	40
<b>Purpose:</b>	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.</li> <li>2 If MEA05 is present, then MEA04 is required.</li> <li>3 If MEA06 is present, then MEA04 is required.</li> <li>4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.</li> <li>5 Only one of MEA08 or MEA03 may be present.</li> </ol>
<b>Semantic Notes:</b>	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
<b>Comments:</b>	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

## Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
MEA01	737	Measurement Reference ID Code	O ID 2/2

Code identifying the broad category to which a measurement applies  
*Use any code.*

**BT Batch Limits**

*When the modification applies to a requirements or an indefinite award instrument, use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under the basic instrument. When the modification applies to a Task Order or a Delivery Order, use to indicate the minimum and maximum limits of the government's obligation to order under the specific instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.*

**CT Counts**

*Use to indicate variations in quantity when expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.*

**DE Defects**

*Use to indicate a warranty period.*

**LT Lot Limits**

*Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a requirements or indefinite quantity type award instrument. Do not use for a purchase order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.*

**OL Order Limits**

*Use to indicate the maximum that the government may order from a requirements, or indefinite quantity type award instrument in a specified time period. Do not use for a purchase order or a delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.*



			<b>PM Permitted</b> <i>Use to indicate the minimum and maximum quantity or dollars permitted per order against a requirements or an indefinite quantity type award instrument. Do not use for a purchase order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and the maximum.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	
MEA02	738	Measurement Qualifier	O ID 1/3	Code identifying a specific product or process characteristic to which a measurement applies <i>Use any code other than code ZZZ.</i>  <b>MX Maximum</b> <i>When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified period of time.</i>  <b>PO Percent of Order (-, +)</b> <i>Use to indicate the variation in quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.</i>  <b>RY Ratio</b> <i>When CN101 is code CA, CB, CH, FB, FC, FF, or FG, use to indicate the Government and contractor share ratio. Identify the Government share in MEA05 and the contractor share in MEA06.</i>  <b>TT Time</b> <i>Use to indicate the length of a warranty period. Specify the length of time in MEA03 and the time period in MEA-C00101.</i>  Refer to 003050 Data Element Dictionary for acceptable code values.
MEA03	739	Measurement Value	X R 1/20	The value of the measurement
MEA04	C001	Composite Unit of Measure	X	To identify a composite unit of measure (See Figures Appendix for examples of use) <i>1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or indefinite quantity type award instrument.</i>  <i>2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-C00101 would cite code EA, and MEA04-C00104 would cite code Q1.</i>
Must Use	C00101	355 Unit or Basis for Measurement Code	M ID 2/2	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ.</i>  <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.
Not Used	C00102	1018 Exponent	O R 1/15	Power to which a unit is raised
Not Used	C00103	649 Multiplier	O R 1/10	Value to be used as a multiplier to obtain a new value
	C00104	355 Unit or Basis for Measurement Code	O ID 2/2	

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

*1. Use any code other than code ZZ.*

*2. An application program conversion table may be required to convert agency codes to ASC X12 codes.*

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	C00105	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00108	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
	MEA05	740	<b>Range Minimum</b> The value specifying the minimum of the measurement range <i>1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity under.</i> <i>2. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.</i> <i>3. When MEA02 is RY, use to specify the Government share.</i>	X	R 1/20
	MEA06	741	<b>Range Maximum</b> The value specifying the maximum of the measurement range <i>1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity over.</i> <i>2. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.</i> <i>3. When MEA02 is RY, use to specify the contractor share.</i> <i>4. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).</i>	X	R 1/20
Not Used	MEA07	935	<b>Measurement Significance Code</b>	O	ID 2/2

860 - Purchase Order Change Request - Buyer Initiated

			Code used to benchmark, qualify or further define a measurement value	
Not Used	MEA08	936	<b>Measurement Attribute Code</b>	<b>X ID 2/2</b>
			Code used to express an attribute response when a numeric measurement value cannot be determined	
Not Used	MEA09	752	<b>Surface/Layer/Position Code</b>	<b>O ID 2/2</b>
			Code indicating the product surface, layer or position that is being described	
Not Used	MEA10	1373	<b>Measurement Method or Device</b>	<b>X ID 2/4</b>
			The method or device used to record the measurement	

<b>Segment:</b>	<b>PID</b> <b>Product/Item Description</b>
<b>Position:</b>	050
<b>Loop:</b>	PID
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To describe a product or process in coded or free-form format
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PID04 is present, then PID03 is required.</li> <li>2 At least one of PID04 or PID05 is required.</li> <li>3 If PID07 is present, then PID03 is required.</li> <li>4 If PID08 is present, then PID03 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 Use PID03 to indicate the organization that publishes the code list being referred to.</li> <li>2 PID04 should be used for industry-specific product description codes.</li> <li>3 PID08 describes the physical characteristics of the product identified in PID04. A ``Y" indicates that the specified attribute applies to this item. A ``N" indicates it does not apply. Any other value is indeterminate.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used.</li> <li>2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> <li>3 PID07 specifies the individual code list of the agency specified in PID03.</li> </ol>

## Data Element Summary

<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
<b>Must Use</b>	<b>PID01</b>	<b>349 Item Description Type</b> Code indicating the format of a description F Free-form S Structured (From Industry Code List) X Semi-structured (Code and Text)	<b>M ID 1/1</b>
<b>PID02</b>	<b>750</b>	<b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process characteristic <i>Use any code. Use of the following codes is preferred as indicated in the accompanying notes.</i>  <b>32 Type of Test/Inspection</b> <i>Use to indicate a First Article Test line item.</i>  <b>OC Option</b> <i>Use to indicate a line item that is unfunded at the time of award, such as an option, a line item established for incremental funding, provisioned item, or a multi-year line item. When used, cite the nature of the line item in PID05.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	<b>O ID 2/3</b>
<b>PID03</b>	<b>559</b>	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values <i>Use any code other than code ZZ.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	<b>X ID 2/2</b>
<b>PID04</b>	<b>751</b>	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic	<b>X AN 1/12</b>
<b>PID05</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content <i>1. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	<b>X AN 1/80</b>



**2. Cite *OPTION, INCREMENTAL FUNDING, PROVISIONED ITEM, or MULTI-YEAR* as appropriate for the line item. When using PID02 and PID05, use code X in PID01.**

Not Used	PID06	752	Surface/Layer/Position Code	O	ID 2/2
			Code indicating the product surface, layer or position that is being described		
Not Used	PID07	822	Source Subqualifier	O	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
Not Used	PID08	1073	Yes/No Condition or Response Code	O	ID 1/1
			Code indicating a Yes or No condition or response		



Segment: **PWK** Paperwork

Position: 070

Loop: POC

Level: Detail

Usage: Optional

Max Use: 25

Purpose: To identify the type and transmission of paperwork or supporting information

Syntax Notes: 1 If either PWK05 or PWK06 is present, then the other is required.

Semantic Notes:

Comments: 1 PWK05 and PWK06 may be used to identify the addressee by a code number.  
 2 PWK07 may be used to indicate special information to be shown on the specified report.  
 3 PWK08 may be used to indicate action pertaining to a report.

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	PWK01	755 Report Type Code	M ID 2/2
		Code indicating the title or contents of a document, report or supporting item <i>Use to identify the type of paper work that is being provided to or must be provided by the contractor.</i>	
		25 Purchase Plan	
		<i>Use to indicate a make or buy plan.</i>	
		35 Subcontractor Plan	
		AE Attachment	
		<i>Use to indicate some additional document, e.g., list of government furnished property, related to the award instrument or modification is being sent by means other than within the transaction set. Specify the nature of the document in PWK07.</i>	
		C1 Cost Data Summary	
		<i>Use to indicate non-certified cost and price data.</i>	
		C5 Certified Cost and Price Data	
		C6 Wage Determination	
		<i>When used, identify the Wage Determination number in the 2/REF/100 segment using code 2Y in REF01.</i>	
		CP Certificate of Compliance (Material Certification)	
		<i>Use to indicate a Certificate of Conformance. When used, PWK04 should cite code PC.</i>	
		CX Cost/Schedule Status Report (C/SSR)	
		Contract status report showing budget, performance, actual, cost variance, schedule variance, budget at complete, estimate at complete, and variance at complete at specified levels of the work breakdown structure	
		CY Contract Funds Status Report (CFSR)	
		Status report for funds appropriation including commitments, actual cost, forecast of billings, and estimated termination costs	
		DW Drawing(s)	
		F1 Cost Performance Report (CPR) Format 1	
		Detailed contract status report including current reporting month values at specified levels of the work breakdown structure	
		F2 Cost Performance Report (CPR) Format 2	

			Detailed contract status report at specified levels of the organization breakdown structure
		F3	Cost Performance Report (CPR) Format 3
			Contract baseline report that summarizes changes to the contract over a given reporting period with beginning and ending values
		F4	Cost Performance Report (CPR) Format 4
			Contract resource summary report that forecasts labor requirements for the remainder of a contract
		F5	Cost Performance Report (CPR) Format 5
			Contract summary or detail report explaining significant cost or schedule variances
		IT	Certified Inspection and Test Results
		KA	Contract Data Requirements List (CDRL)
			<b><i>Use to indicate an attachment applicable to a Contract Data Requirements List (CDRL) noted in this transaction set will be provided.</i></b>
		MR	Material Inspection and Receiving Report
		MS	Material Safety Data Sheet
		PD	Proof of Delivery
		PJ	Purchasing Specification
			Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging, transportation, delivery, and payments
			<b><i>Use to indicate a Statement of Work (SOW).</i></b>
		PM	Proof of Insurance
		PP	Proposal
		S9	Representation
			A statement (report) by a prospective contractor that makes a representation about a specific condition
			<b><i>Use to indicate a payment and performance bond.</i></b>
		SN	Shipping Notice
		SP	Specification
		TO	Demand Report
			<b><i>Use to indicate a Contract Data Requirement List (CDRL) deliverable.</i></b>
		US	"BUY AMERICA" Certification of Compliance
PWK02	756	Report Transmission Code <span style="float: right;">O ID 1/2</span>	
		Code defining timing, transmission method or format by which reports are to be sent	
		<b><i>While any listed code can be used, code EL is preferred when the indicated paperwork can be provided electronically using one of the transaction sets specifically designed for the purpose.</i></b>	
		BE	By Mail and Electronically
			<b><i>Use to indicate E-Mail.</i></b>
		BM	By Mail
			<b><i>Use to indicate transmittal via the USPS.</i></b>
		CF	Courier
			<b><i>Use to indicate transmittal via commercial express courier.</i></b>
		DA	Data
			<b><i>Use to indicate other forms of electronic transfer. When used, identify the other form in PWK07.</i></b>

		EL	Electronically Only	
			<i>1. Use to indicate that data was or is to be sent by a separate EDI transaction set.</i>	
			<i>2. If data has been sent by a separate EDI transaction set, identify the unique number of the transaction set in REF02 of the 2/REF/100 segment citing code TN in REF01</i>	
		FX	By Fax	
		IA	Electronic Image	
			<i>Use to indicate the World Wide Web. When used, provide the Universal Resource Locator (URL) where information is to be obtained in PWK07.</i>	
		WS	With Shipment (With Package)	
PWK03	757	Report Copies Needed		O N0 1/2
		The number of copies of a report that should be sent to the addressee		
		<i>The number of copies is assumed to be 1 unless a greater number is specified in this data element.</i>		
PWK04	98	Entity Identifier Code		O ID 2/2
		Code identifying an organizational entity, a physical location, or an individual		
		<i>Use to identify the recipient of the paperwork. If there is more than one recipient of the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Provide the address of the recipient in either the 1/N1/300 or 2/N1/340 segment and/or the communications number of the recipient in either the 1/PER/350 or 2/PER/390 segment.</i>		
		44	Data Processing Service Bureau	
			<i>Use in conjunction with PWK01 code MS to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.</i>	
		7D	Contracting Officer Representative	
		7N	Party to Receive Proposal	
		BY	Buying Party (Purchaser)	
			<i>Use to indicate the Contracting Officer.</i>	
		C4	Contract Administration Office	
			Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area	
		IS	Party to Receive Certified Inspection Report	
			<i>Use when PWK01 is code IT or MR.</i>	
		KF	Audit Office	
			The office performing the audit	
		KG	Project Manager	
			The address of the person responsible for the management of a designated project	
			<i>Use to indicate the government party responsible for a project to include the Advisor under a Grant.</i>	
		KY	Technical Office	
		PA	Party to Receive Inspection Report	
		PC	Party to Receive Cert. of Conformance (C.A.A.)	
		SM	Party to Receive Shipping Manifest	



			ZD	Party to Receive Reports
				The organization designated to receive reports
Not Used	PWK05	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
Not Used	PWK06	67	Identification Code	X AN 2/20
			Code identifying a party or other code	
	PWK07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.</i>	
			<i>2. When PWK01 is code S9, use to identify the lead time for submission of the payment and performance bond.</i>	
			<i>3. When PWK02 is code DA, use to identify the other form of electronic transfer.</i>	
			<i>4. When PWK02 is code IA, used to identify the URL.</i>	
			<i>5. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
	PWK08	C002	Actions Indicated	O
			Actions to be performed on the piece of paperwork identified	
Must Use	C00201	704	Paperwork/Report Action Code	M ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
		2	Report to be Filed	
			<i>When PWK01 is code 25, 35, C1, C5, CP, CX, CY, F1, F2, F3, F4, F5, IT, MR, MS, PD, PM, PP, S9, SN, TO, or US, use to indicate the specified paperwork is required to be provided by the contractor.</i>	
		PV	Provided	
			<i>When PWK01 is code AE, C6, DW, KA, PJ, or SP, use to indicate the specified paperwork will be provided by the buyer.</i>	
Not Used	C00202	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
Not Used	C00203	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
Not Used	C00204	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
Not Used	C00205	704	Paperwork/Report Action Code	O ID 1/2
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	

<b>Segment:</b>	<b>PKG</b> Marking, Packaging, Loading
<b>Position:</b>	080
<b>Loop:</b>	POC
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	200
<b>Purpose:</b>	To describe marking, packaging, loading, and unloading requirements
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of PKG04 PKG05 or PKG06 is required.</li> <li>2 If PKG04 is present, then PKG03 is required.</li> <li>3 If PKG05 is present, then PKG01 is required.</li> </ol>
<b>Semantic Notes:</b>	1 PKG04 should be used for industry-specific packaging description codes.
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.</li> <li>2 If PKG01 = ``F'', then PKG05 is used. If PKG01 = ``S'', then PKG04 is used. If PKG01 = ``X'', then both PKG04 and PKG05 are used.</li> <li>3 Use PKG03 to indicate the organization that publishes the code list being referred to.</li> <li>4 Special marking or tagging data can be given in PKG05 (description).</li> </ol>

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PKG01	349	Item Description Type	X ID 1/1
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
		X Semi-structured (Code and Text)	
PKG02	753	Packaging Characteristic Code	O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described	
		<i>Use the listed codes to identify applicable packaging requirements.</i>	
		CD Cleaning or Drying Procedure	
		CT Cushioning Thickness	
		CUD Cushioning and Dunnage	
		HM Hazardous Material	
		IC Intermediate Container	
		LP Level Of Preservation	
		OPI Optional Procedure Indicator	
		PK Packing	
		<i>When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D 3951 is acceptable, cite MIL-STD 2073-2C code X in PKG04.</i>	
		PM Preservation Method	
		PML Preservation Material	
		SMK Special Marking	
		UC Unit Container	
		UCL Unit Container Level	



		WM	Wrapping Material		
PKG03	559	Agency Qualifier Code		X	ID 2/2
		Code identifying the agency assigning the code values			
		DF	Department of Defense (DoD)		
		GS	General Services Administration (GSA)		
			Responsible for Federal Specification		
		ZZ	Mutually Defined		
			<i>Use to indicate a federal activity other than DoD or GSA.</i>		
PKG04	754	Packaging Description Code		X	AN 1/7
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product			
		<i>1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in Code Source List 197 (MIL-STD 2073-2C).</i>			
		<i>2. When the contractor is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y" or "YY" (dependent on the number of positions in the code).</i>			
		<i>3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD 2073-2C. Use PKG05 to provide supplementary or special requirements.</i>			
		<i>4. When the requirement associated with a packaging characteristic code is included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).</i>			
		<i>5. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>			
PKG05	352	Description		X	AN 1/80
		A free-form description to clarify the related data elements and their content			
		<i>1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.</i>			
		<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>			
Not Used	PKG06	400	Unit Load Option Code		X ID 2/2
			Code identifying loading or unloading a shipment		

**Segment: PO4 Item Physical Details****Position:** 090**Loop:** POC**Level:** Detail**Usage:** Optional**Max Use:** >1**Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the item**Syntax Notes:** 1 If either PO402 or PO403 is present, then the other is required.

2 If PO405 is present, then PO406 is required.

3 If either PO406 or PO407 is present, then the other is required.

4 If either PO408 or PO409 is present, then the other is required.

5 If PO410 is present, then PO413 is required.

6 If PO411 is present, then PO413 is required.

7 If PO412 is present, then PO413 is required.

8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.

**Semantic Notes:****Comments:** 1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.

2 PO413 defines the unit of measure for PO410, PO411, and PO412.

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PO401	356	Pack	O N0 1/6
		Number of inner pack units per outer pack unit	
		1. Use to identify the unit pack quantity.	
		2. Cite the number 777777 to indicate a bulk quantity (MIL-STD 2073-2C code BLK).	
		3. Cite the number 888888 to indicate "Packager's option as long as all other requirements are met" (MIL-STD 2073-2C code YYY).	
		4. Cite the number 999999 to indicate "Special requirements - refer to supplemental data, special instructions or drawings provided" (MIL-STD 2073-2C code ZZZ).	
PO402	357	Size	X R 1/8
		Size of supplier units in pack	
		Use only to identify the size of the individual items within a unit container.	
PO403	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		1. Use any code other than code ZZ.	
		2. An application program conversion table may be required to convert agency codes to ASC X12 codes.	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
PO404	103	Packaging Code	O AN 3/5
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material	
		INT Intermediate Container	
		PAF Pallet - 4 Way	

		PAT	A pallet that permits entry of handling equipment on each of its four sides Pallet - 2 Way		
		SRW	A pallet that permits entry of handling equipment on opposing two of its four sides Shrink Wrap		
		UNT	In packaging, a method of securing a unit load by placing a large "bag" of plastic film over the components and applying heat to induce shrinkage and cause the bag to tighten around the contents Unit		
			<i>Use to indicate the unit container.</i>		
PO405	187	Weight Qualifier		O	ID 1/2
			Code defining the type of weight		
			<i>Use any code other than code Z.</i>		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
PO406	384	Gross Weight per Pack		X	R 1/9
			Numeric value of gross weight per pack		
			<i>Use to specify the weight of a container. The weight shall be provided to 1 decimal place.</i>		
PO407	355	Unit or Basis for Measurement Code		X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			<i>1. Use any code other than code ZZ.</i>		
			<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
PO408	385	Gross Volume per Pack		X	R 1/9
			Numeric value of gross volume per pack		
			<i>Use to specify the cube of a container. The cube shall be provided to 3 decimal places.</i>		
PO409	355	Unit or Basis for Measurement Code		X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			<i>1. Use any code other than code ZZ.</i>		
			<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
PO410	82	Length		X	R 1/8
			Largest horizontal dimension of an object measured when the object is in the upright position		
PO411	189	Width		X	R 1/8
			Shorter measurement of the two horizontal dimensions measured with the object in the upright position		
PO412	65	Height		X	R 1/8
			Vertical dimension of an object measured when the object is in the upright position		
			<i>Use to specify the depth of the container.</i>		
PO413	355	Unit or Basis for Measurement Code		X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			<i>1. Use any code other than code ZZ.</i>		

PO414

810

*2. An application program conversion table may be required to convert agency codes to ASC X12 codes.*

Refer to 003050 Data Element Dictionary for acceptable code values.

Inner Pack

O N0 1/6

Number of units in each selling pack

*1. Use to specify the quantity of unit containers within an intermediate container.*

*2. Cite the number 666666 to indicate "See Appendix B, MIL-STD 2073-1B" (MIL-STD 2073-2C code AAA).*

*3. Cite the number 777777 to indicate "See Method of Preservation" (MIL-STD 2073-2C code XXX).*

*4. Cite the number 888888 to indicate "Packer's option as long as all other requirements are met" (MIL-STD 2073-2C code YYY).*

*5. Cite the number 999999 to indicate "Special requirements - see specific drawing or instruction provided" (MIL-STD 2073-2C code ZZZ).*



**Segment:** **REF** Reference Numbers  
**Position:** 100  
**Loop:** POC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
	16	Military Interdepartmental Purchase Request (MIPR) Number	
		A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement	
	2E	Foreign Military Sales Case Number	
		A reference number designating the foreign military sale records	
		<i>Use to indicate a Foreign Military Sale.</i>	
	2Y	Wage Determination	
		<i>Use to indicate a Department of Labor Wage Determination Number. Use if the Wage Determination is passed by reference only or to identify the Wage Determination number passed by some other means as specified in the PWK segment.</i>	
	73	Statement of Work (SOW)	
		Description of a product or service to be procured under a contract; statement of requirements	
		<i>If a Statement of Work is part of the modification, the PWK segment can be used to indicate how the SOW is being provided.</i>	
	82	Data Item Description (DID) Reference	
		Specific data elements that the government will ask a contractor to provide and are spelled out in specific requirement documents	
	83	Extended (or Exhibit) Line Item Number (ELIN)	
		Identifies specific line items to be delivered for a contract	
	97	Package Number	
		A serial number indicating unit shipped	
	9B	Repriced Line Item Reference Number	
		<i>1. Use to indicate a special price authorization number.</i>	
		<i>2. When used, code 1A should be used PER01 in the 2/PER/110 segment and code SPC should be used in CTP02 in the 2/CTP/040 segment.</i>	
	9G	Department of Defense Form 250 Requirement Code	



	<i>Use to indicate the inspection and acceptance requirements for a data item specified on the Contract Data Requirements List.</i>
AH	Agreement Number
	<i>Use to indicate a Union Agreement Number.</i>
BL	Government Bill of Lading
DG	Drawing Number
EV	Receiver Identification Number
	A unique number identifying the organization/site location designated to receive the current transmitted transaction set
	<i>Use to indicate the requiring office, i.e., the technical office responsible for ensuring adequacy of the data on a Contract Data Requirements List. Use an abbreviation of the activity, e.g., NICP, Navy Inventory Control Point.</i>
IL	Internal Order Number
	<i>Use to identify the requisition (MILSTRIP/FEDSTRIP document) number.</i>
IQ	End Item
	<i>Use to identify an end item to which the modification pertains.</i>
IX	Item Number
	<i>Use to indicate a Federal supply schedule (FSS) special item number.</i>
K0	Approval Code
	<i>Use to indicate the approval code on a Contract Data Requirements List.</i>
KV	Distribution Statement Code
	<i>Use to indicate the code on a Contract Data Requirements List that specifies the distribution statement a contractor is to mark on a data item.</i>
LT	Lot Number
NI	Military Standard (MIL-STD) Number
NJ	Technical Document Number
NL	Technical Order Number
P4	Project Code
	<i>Use to indicate the project number applicable to this line item.</i>
PH	Priority Rating
	<i>Use to indicate the MILSTRIP/FEDSTRIP priority rating.</i>
PR	Price Quote Number
	<i>Use to indicate the contractor's bid, quote or proposal number.</i>
QC	Product Specification Document Number
	Model designation of replacement component
RQ	Purchase Requisition No.
	<i>Use to indicate the Purchase Request (PR) number or the Purchase Request Order Number (PRON). When citing a purchase request number, concatenate its line item number with the purchase request number if it is necessary to transmit both numbers.</i>
RS	Returnable Container Serial Number
S2	Military Specification Number (MILSPEC)

S3	Specification Number
	<i>Use to indicate a specification number other than a MIL-SPEC. When used, cite the specification number in REF02 and identify the issuing activity in REF03.</i>
T4	Signal Code
	Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund
TG	Transportation Control Number (TCN)
TN	Transaction Reference Number
	<i>1. Use to indicate the unique reference number for a related transaction set (e.g., an 841 transaction set carrying a related technical specification or drawing). Each transaction set has a unique number. In the case of the 841 transaction set, that number is carried in SPI02.</i>
	<i>2. When used, cite the related transaction set's unique number in REF02 and cite the X12 transaction set designator of the related transaction set, e.g., 841, in REF03.</i>
TP	Test Specification Number
VQ	Related Contract Line Item Number
	<i>Use to indicate a line item in the award instrument or modification to which this line item pertains.</i>
VW	Standard
	<i>Use to indicate a standard other than a Military Standard (MIL-STD). When used, cite the standard number in REF02, e.g., ASTM D3951, and, if necessary, further identify the standard in REF03.</i>
W2	Weapon System Number
	Identifies a weapon system
	<i>Use to indicate the Weapon System Code.</i>
W8	Suffix
	Differentiates between partial actions taken on the original transaction
	<i>Use to indicate a MILSTRIP/FEDSTRIP requisition suffix number. This code can be used if there is only ONE occurrence of the REF segment with code IL in REF01.</i>
WF	Locally Assigned Control Number
XC	Cargo Control Number
	<i>Use to indicate the tracking number for fuel being sent by a tanker vessel.</i>
XE	Transportation Priority Number
	Number indicating the level of government priority associated with the transportation of a shipment
ZZ	Mutually Defined
	<i>Use to indicate another type of reference number. When used, identify the nature of the number in REF03.</i>

REF02      127      Reference Number      X      AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

*If a document has a revision or extension, the document number and the revision or extension number should be concatenated and cited in this data*

REF03	352	<p><i>element.</i></p> <p><b>Description</b> <span style="float: right;">X AN 1/80</span></p> <p>A free-form description to clarify the related data elements and their content</p> <p><i>1. Use to carry additional information applicable to a reference number cited in REF02.</i></p> <p><i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i></p>
-------	-----	--

Segment: **PER** Administrative Communications Contact

Position: 110

Loop: POC

Level: Detail

Usage: Optional

Max Use: 3

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.

2 If either PER05 or PER06 is present, then the other is required.

3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use PER01	366	Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		1A Review/Repricing Contact	
		<i>1. Use to indicate an individual who authorized a one time special price for the line item in this POC loop, e.g., a spot pricing reduction from an existing contract or catalog price. In this instance, PER02 MUST be used.</i>	
		<i>2. When used, cite a special price authorization number in the 2/REF/100 segment citing code 9B in REF01 and use the 2/CTP/040 segment citing code SPC in CTP02 to identify the line item authorized a special price.</i>	
		AU Report Authorizer	
		<i>1. Use to indicate the approver of a Contract Data Requirements List.</i>	
		<i>2. Use this code when POC08 code EF is used.</i>	
		BD Buyer Name or Department	
		<i>Use to indicate the Grants Management Specialist.</i>	
		PI Preparer	
		A firm, organization, or individual who determines the tax liability from information supplied by the taxpayer	
		<i>1. Use to indicate the preparer of a Contract Data Requirements List.</i>	
		<i>2. Use this code when POC08 code EF is used.</i>	
PER02	93	Name	O AN 1/35
		Free-form name	
		<i>Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.</i>	
PER03	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		AU Defense Switched Network	
		Department of Defense telecommunications system and successor of the Automatic Voice Network	



			(AUTOVON)
		EM	Electronic Mail
		FX	Facsimile
		IT	International Telephone
			<i>Include the country code.</i>
		TE	Telephone
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER04	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>	
PER05	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		<i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.</i>	
		AU	Defense Switched Network
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
		EM	Electronic Mail
		EX	Telephone Extension
			<i>Use only if PER03 is used citing either code AU or TE.</i>
		FX	Facsimile
		IT	International Telephone
			<i>Include the country code.</i>
		TE	Telephone
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER06	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>	
PER07	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		<i>Use to identify a third communications number for the party cited in PER02.</i>	
		AU	Defense Switched Network
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
		EM	Electronic Mail
		EX	Telephone Extension
			<i>Use only if PER05 is used citing either code AU or TE.</i>
		FX	Facsimile
		IT	International Telephone
			<i>Include the country code.</i>
		TE	Telephone
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>



PER08      364      **Communication Number**      X      AN 1/80

Complete communications number including country or area code when applicable

*All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.*

PER09      443      **Contact Inquiry Reference**      O      AN 1/20

Additional reference number or description to clarify a contact number

*Use, if necessary, to provide the title of the party cited in PER02.*

<b>Segment:</b>	<b>SAC</b> Service, Promotion, Allowance, or Charge Information
<b>Position:</b>	130
<b>Loop:</b>	SAC
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of SAC02 or SAC03 is required.</li> <li>2 If either SAC03 or SAC04 is present, then the other is required.</li> <li>3 If either SAC06 or SAC07 is present, then the other is required.</li> <li>4 If either SAC09 or SAC10 is present, then the other is required.</li> <li>5 If SAC11 is present, then SAC10 is required.</li> <li>6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.</li> <li>7 If SAC14 is present, then SAC13 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.</li> <li>2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.</li> <li>3 SAC08 is the allowance or charge rate per unit.</li> <li>4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.</li> <li>5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.</li> <li>6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.</li> <li>2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.</li> </ol>

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
Must Use SAC01	248	Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	
		C Charge	
		N No Allowance or Charge	
		<i>Use to indicate the service is to be provided at no charge.</i>	
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		<i>Any code, other than code ZZZZ, may be used but the listed codes are preferred.</i>	
		B180 Cleaning Charge	
		B610 Container Service Charge USA/Canada	
		<i>Use to indicate a reusable container.</i>	
		B870 Customs Charge	
		C240 Disconnect Charge	

**C330** *Distribution Fee*  
**C370** *Diversions Charge*  
**C880** *Expediting Premium*  
**D500** *Handling*  
**D530** *Hazardous Cargo Charge*  
**D660** *Hook-up charge*  
**D820** *Inside Delivery*  
**D870** *Inspection*  
**D890** *Installation and Training*  
**D900** *Installation*  
**E340** *Less Than Truckload (LTL) Charge*  
*Use to indicate a charge for a less than full carload or truckload.*

**E400** *Loading (Labor Charges)*  
**E470** *Lump Sum*  
*Use to indicate the lump sum amount applicable to a Value Engineering Change Proposal (VECP).*

**F150** *Packaging Service*  
**F460** *Postage*  
**F560** *Premium Transportation*  
**F830** *Proof of Delivery*  
*Use to indicate a charge for preparation of a DD Form 250.*

**G030** *Reconnect charge*  
**G350** *Rents and Leases*  
**G470** *Restocking Charge*  
**G530** *Rework*  
**G580** *Royalties*  
**G660** *Scrap Allowance*  
**G740** *Service Charge*  
**G760** *Set-up*  
**H170** *Special Tooling Charge*  
**H430** *Storage*  
**H540** *Supplemental Items*  
*Use to indicate Contractor Acquired Parts (CAP).*

**H550** *Surcharge*  
**H990** *Testing Services Charge*  
**I260** *Transportation Direct Billing*  
**I380** *Unloading (Labor Charges)*  
**I590** *Warranties*

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SAC03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
	SAC05	610	Amount	O	N2 1/15
			Monetary amount		
	SAC06	378	Allowance/ Charge Percent Qualifier	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
			<b>Use any code other than code Z.</b>		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
	SAC07	332	Percent	X	R 1/6
			Percent expressed as a percent		

			<i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed)</i>	
	SAC08	118	Rate	O R 1/9
			Rate expressed in the standard monetary denomination for the currency specified	
	SAC09	355	Unit or Basis for Measurement Code	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>1. Use any code other than code ZZ.</i>	
			<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	SAC10	380	Quantity	X R 1/15
			Numeric value of quantity	
			<i>Use to indicate the quantity to which the amount in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.</i>	
	SAC11	380	Quantity	O R 1/15
			Numeric value of quantity	
			<i>Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.</i>	
Not Used	SAC12	331	Allowance or Charge Method of Handling Code	O ID 2/2
			Code indicating method of handling for an allowance or charge	
	SAC13	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
			<i>Use to identify the ACRN, project code, funding code, or accounting code to which a charge or allowance is applicable. These reference numbers and their relationship to the financial accounting data they represent is established in the 1/AT/278 and 1/REF/279 segments.</i>	
Not Used	SAC14	770	Option Number	O AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered	
Not Used	SAC15	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	



<b>Segment:</b>	<b>IT8</b> Conditions of Sale
<b>Position:</b>	140
<b>Loop:</b>	POC
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify general conditions or requirements and to detail conditions for substitution of alternate products
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of IT801 IT802 IT803 IT805 or IT807 is required.</li> <li>2 If either IT808 or IT809 is present, then the other is required.</li> <li>3 If either IT810 or IT811 is present, then the other is required.</li> <li>4 If either IT812 or IT813 is present, then the other is required.</li> <li>5 If either IT814 or IT815 is present, then the other is required.</li> <li>6 If either IT816 or IT817 is present, then the other is required.</li> <li>7 If either IT818 or IT819 is present, then the other is required.</li> <li>8 If either IT820 or IT821 is present, then the other is required.</li> <li>9 If either IT822 or IT823 is present, then the other is required.</li> <li>10 If either IT824 or IT825 is present, then the other is required.</li> <li>11 If either IT826 or IT827 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 IT803 is the maximum monetary amount value which the order must not exceed.</li> <li>2 IT804 is the account number to which the purchase amount is to be charged.</li> <li>3 IT805 is the date specified by the sender to be shown on the invoice.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's.</li> <li>2 IT808 through IT827 provides for ten (10) different product/service ID's for each item. Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.</li> </ol>

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
IT801	563	Sales Requirement Code	X ID 1/2
		Code to identify a specific requirement or agreement of sale	
		P2 Ship As Soon As Possible	
		<i>Use only with DTM01 code 996.</i>	
		P4 Do Not Preship	
		<i>Use only when DTM01 is code 064 or 106; or when LDT01 is code AY</i>	
		SC Ship Complete	
		<i>Use to indicate partial shipments will not be accepted.</i>	
		SV Ship Per Release	
		<i>Use to indicate that the ordered item(s) are to be shipped in place.</i>	
IT802	564	Do-Not-Exceed Action Code	X ID 1/1
		Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565)	
		0 Cancel Balance of Order/Item that Exceeds Value Specified in Data Element 565	
		1 Cancel Entire Order/Item	
IT803	610	Amount	X N2 1/15
		Monetary amount	
		<i>Use to identify a maximum line item total amount, that if a contractor would exceed, shall result in the entire line item quantity or balance of the line item quantity that exceeds the maximum amount not being filled.</i>	
Not Used IT804	508	Account Number	O AN 1/35
		Account number assigned	



Not Used	IT805	373	<b>Date</b> Date (YYMMDD)	X	DT 6/6
Not Used	IT806	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values	O	ID 2/2
Not Used	IT807	566	<b>Product/Service Substitution Code</b> Code indicating product or service substitution conditions	X	ID 1/2
Not Used	IT808	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT809	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
Not Used	IT810	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT811	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
Not Used	IT812	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT813	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
Not Used	IT814	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT815	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
Not Used	IT816	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT817	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
Not Used	IT818	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT819	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
Not Used	IT820	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT821	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
Not Used	IT822	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT823	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
Not Used	IT824	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT825	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40
Not Used	IT826	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT827	234	<b>Product/Service ID</b> Identifying number for a product or service	X	AN 1/40

<b>Segment:</b>	<b>ITD</b>	<b>Terms of Sale/Deferred Terms of Sale</b>
<b>Position:</b>	150	
<b>Loop:</b>	POC	
<b>Level:</b>	Detail	
<b>Usage:</b>	Optional	
<b>Max Use:</b>	2	
<b>Purpose:</b>	To specify terms of sale	
<b>Syntax Notes:</b>	1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required. 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required. 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.	
<b>Semantic Notes:</b>	1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.	
<b>Comments:</b>	1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.	

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	ITD01	336	<b>Terms Type Code</b> Code identifying type of payment terms	O ID 2/2
Not Used	ITD02	333	<b>Terms Basis Date Code</b> Code identifying the beginning of the terms period	O ID 1/2
	ITD03	338	<b>Terms Discount Percent</b> Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date <i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed)</i>	O R 1/6
Not Used	ITD04	370	<b>Terms Discount Due Date</b> Date payment is due if discount is to be earned	X DT 6/6
	ITD05	351	<b>Terms Discount Days Due</b> Number of days in the terms discount period by which payment is due if terms discount is earned	X N0 1/3
Not Used	ITD06	446	<b>Terms Net Due Date</b> Date when total invoice amount becomes due	O DT 6/6
	ITD07	386	<b>Terms Net Days</b> Number of days until total invoice amount is due (discount not applicable)	O N0 1/3
Not Used	ITD08	362	<b>Terms Discount Amount</b> Total amount of terms discount	O N2 1/10
Not Used	ITD09	388	<b>Terms Deferred Due Date</b> Date deferred payment or percent of invoice payable is due	O DT 6/6
Not Used	ITD10	389	<b>Deferred Amount Due</b> Deferred amount due for payment	X N2 1/10
Not Used	ITD11	342	<b>Percent of Invoice Payable</b> Amount of invoice payable expressed in percent	X R 1/5
Not Used	ITD12	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80
Not Used	ITD13	765	<b>Day of Month</b> The numeric value of the day of the month between 1 and the maximum day of the month being referenced	X N0 1/2
Not Used	ITD14	107	<b>Payment Method Code</b> Code identifying type of payment procedures	O ID 1/1
Not Used	ITD15	954	<b>Percent</b> Percentage expressed as a decimal	O R 1/10

**Segment:** **DIS** Discount Detail  
**Position:** 160  
**Loop:** POC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 20  
**Purpose:** To specify the exact type and terms of various discount information  
**Syntax Notes:**  
**Semantic Notes:** 1 DIS05 is the minimum for application of the discount.  
 2 DIS06 is the maximum for application of the discount.  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use DIS01	653	Discount Terms Type Code	M ID 3/3
		Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc.	
		POR % Discount per Units Ordered	
		<i>Use to indicate a percent discount based on the value of the units purchased.</i>	
		UNT Additional Units per Units Purchased	
		<i>Use to indicate additional free units are to be provided based on the number of units purchased.</i>	
Must Use DIS02	654	Discount Base Qualifier	M ID 2/2
		Code to define unit of discount, i.e., dollars, cases, alternate products, etc.	
		PC Discount Determined as a Percentage of the Value of the Transaction	
		<i>Use to indicate the discount as a percent of the value of the line item.</i>	
		UN Discount Determined to be Additional Units that Are Defined by Discount Control Limit Qualifier	
		<i>Use to indicate the discount as additional free units based on the number of items purchased.</i>	
Must Use DIS03	655	Discount Base Value	M R 1/10
		A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount	
		<i>1. When DIS02 is code PC, use to identify the discount percentage. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	
		<i>2. When DIS02 is code UN, use to identify the number of free units.</i>	
Must Use DIS04	656	Discount Control Limit Qualifier	M ID 2/3
		Code to define the units of the limits for determining discount	
		DAT Time Limits for Discount	
		<i>1. When DIS02 is code PC, use to identify the discount percentage. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	
		<i>2. When DIS02 is code UN, use to identify the number of free units.</i>	
		DOF Dollars of Purchase	
		<i>Use in conjunction with DIS02 code PC.</i>	
Must Use DIS05	657	Discount Control Limit	M NO 1/10
		Amount or time associated with application of the discount	
		<i>Use to identify the base amount or quantities applicable to the discount. This is the minimum value or quantity needed to earn the discount.</i>	

DIS06

657

Discount Control Limit

O N0 1/10

Amount or time associated with application of the discount

*Use to identify the maximum amount or quantities applicable to the discount.  
When values are cited in both DIS05/06, this constitutes a range of values or  
quantities applicable to the cited discount.*



**Segment:** **FOB** F.O.B. Related Instructions  
**Position:** 180  
**Loop:** POC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify transportation instructions relating to shipment  
**Syntax Notes:**

- 1 If FOB03 is present, then FOB02 is required.
- 2 If FOB04 is present, then FOB05 is required.
- 3 If FOB07 is present, then FOB06 is required.
- 4 If FOB08 is present, then FOB09 is required.

**Semantic Notes:**

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying the title passage location.
- 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use FOB01	146	Shipment Method of Payment Code identifying payment terms for transportation charges	M ID 2/2
		BP Paid by Buyer The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location) <i>Use to indicate a Government Bill of Lading (GBL) will be issued.</i>	
		PE Prepaid and Summary Bill <i>Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.</i>	
		PP Prepaid (by Seller) <i>Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on the award instrument's invoice.</i>	
		PS Paid by Seller The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location) <i>Use to indicate transportation charges are included in the unit price.</i>	
FOB02	309	Location Qualifier Code identifying type of location <i>Use to identify the FOB point.</i>	X ID 1/2
		DE Destination (Shipping)	
		FV Free Alongside Vessel (Free On Board [F.O.B.] Point)	
		IT Intermediate FOB Point A location indicating the point of destination is not the origin or final destination but rather at some other point <i>Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.</i>	



KE	Port of Embarkation	<i>Use to indicate that the FOB Point is an overseas port of embarkation, either aerial or water, for delivery of government furnished completed end items. Provide the address in the N1 loop, citing code KX in N101.</i>
KL	Port of Loading	<i>Use to indicate that the FOB Point is a port of loading. Provide the address in the N1 loop, citing code KX in N101.</i>
KP	Government Furnished Property FOB Point	<i>Use to indicate that the FOB point is for delivery of Government Furnished Property. Provide the address in the N1 loop, citing code 7H in N101.</i>
OR	Origin (Shipping Point)	
W	Worldwide Geographic Location Code	<i>Use to indicate the FOB point for deliveries within the continental United States is destination and the FOB point for deliveries outside the continental United States is origin.</i>
ZZ	Mutually Defined	<i>Use to indicate another FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.</i>

Not Used	FOB03	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	FOB04	334	Transportation Terms Qualifier Code	O	ID 2/2
			Code identifying the source of the transportation terms		
Not Used	FOB05	335	Transportation Terms Code	X	ID 3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility		
	FOB06	309	Location Qualifier	X	ID 1/2
			Code identifying type of location		
			<i>1. Use to identify the acceptance point. This code also identifies the inspection location when it is the same as the acceptance point.</i>		
			<i>2. When the inspection point differs, use the 2/LM/610 loop to identify the inspection point by coded means (Destination or Source). The 2/N1/340 loop, citing code L1 in N101, may be used to identify the inspection location in N103/N104 or in N1-N4 as a full address.</i>		
			DE	Destination (Shipping)	
			OR	Origin (Shipping Point)	
			ZZ	Mutually Defined	
			<i>1. Use to indicate the acceptance point is neither at origin nor at destination. When both the acceptance and inspection points are the same location but neither origin nor destination, use the 2/N1/350 loop, citing code 7M in N101.</i>		
			<i>2. When both the acceptance and inspection points are at different locations but neither are origin nor destination, use the 2/N1/350 loop to provide the acceptance point address, citing code KZ in N101 and the inspection point in another iteration of the N1 loop, citing code L1 in N101.</i>		
Not Used	FOB07	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	FOB08	54	Risk of Loss Qualifier	O	ID 2/2

Code specifying where responsibility for risk of loss passes

Not Used    FOB09

352

**Description**

X    AN 1/80

A free-form description to clarify the related data elements and their content

<b>Segment:</b>	<b>SDQ</b> Destination Quantity
<b>Position:</b>	190
<b>Loop:</b>	POC
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	500
<b>Purpose:</b>	To specify destination and quantity detail
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either SDQ05 or SDQ06 is present, then the other is required.</li> <li>2 If either SDQ07 or SDQ08 is present, then the other is required.</li> <li>3 If either SDQ09 or SDQ10 is present, then the other is required.</li> <li>4 If either SDQ11 or SDQ12 is present, then the other is required.</li> <li>5 If either SDQ13 or SDQ14 is present, then the other is required.</li> <li>6 If either SDQ15 or SDQ16 is present, then the other is required.</li> <li>7 If either SDQ17 or SDQ18 is present, then the other is required.</li> <li>8 If either SDQ19 or SDQ20 is present, then the other is required.</li> <li>9 If either SDQ21 or SDQ22 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 SDQ02 is used only if different than previously defined in the transaction set.</li> <li>2 SDQ03 is the store number.</li> <li>3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.</li> </ol>

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use SDQ01	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ, but it must be the same code as specified in POC05.</i>  <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
SDQ02	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) <i>While the Federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions</i> <ol style="list-style-type: none"> <li>1 D-U-N-S Number, Dun &amp; Bradstreet <i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i></li> <li>9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix <i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i></li> <li>10 Department of Defense Activity Address Code (DODAAC) <i>Use to indicate a Department of Defense or a Civilian Agency Activity Address Code.</i></li> <li>33 Commercial and Government Entity (CAGE)</li> <li>A2 Military Assistance Program Address Code (MAPAC)</li> </ol>	O ID 1/2

			Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity		
Must Use	SDQ03	67	<b>Identification Code</b> Code identifying a party or other code	M	AN 2/20
Must Use	SDQ04	380	<b>Quantity</b> Numeric value of quantity	M	R 1/15
	SDQ05	67	<b>Identification Code</b> Code identifying a party or other code	X	AN 2/20
	SDQ06	380	<b>Quantity</b> Numeric value of quantity	X	R 1/15
	SDQ07	67	<b>Identification Code</b> Code identifying a party or other code	X	AN 2/20
	SDQ08	380	<b>Quantity</b> Numeric value of quantity	X	R 1/15
	SDQ09	67	<b>Identification Code</b> Code identifying a party or other code	X	AN 2/20
	SDQ10	380	<b>Quantity</b> Numeric value of quantity	X	R 1/15
	SDQ11	67	<b>Identification Code</b> Code identifying a party or other code	X	AN 2/20
	SDQ12	380	<b>Quantity</b> Numeric value of quantity	X	R 1/15
	SDQ13	67	<b>Identification Code</b> Code identifying a party or other code	X	AN 2/20
	SDQ14	380	<b>Quantity</b> Numeric value of quantity	X	R 1/15
	SDQ15	67	<b>Identification Code</b> Code identifying a party or other code	X	AN 2/20
	SDQ16	380	<b>Quantity</b> Numeric value of quantity	X	R 1/15
	SDQ17	67	<b>Identification Code</b> Code identifying a party or other code	X	AN 2/20
	SDQ18	380	<b>Quantity</b> Numeric value of quantity	X	R 1/15
	SDQ19	67	<b>Identification Code</b> Code identifying a party or other code	X	AN 2/20
	SDQ20	380	<b>Quantity</b> Numeric value of quantity	X	R 1/15
	SDQ21	67	<b>Identification Code</b> Code identifying a party or other code	X	AN 2/20
	SDQ22	380	<b>Quantity</b> Numeric value of quantity	X	R 1/15
Not Used	SDQ23	310	<b>Location Identifier</b> Code which identifies a specific location	O	AN 1/30



Segment: **DTM** Date/Time Reference  
 Position: 200  
 Loop: POC  
 Level: Detail  
 Usage: Optional  
 Max Use: 10  
 Purpose: To specify pertinent dates and times  
 Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.  
 2 If either DTM06 or DTM07 is present, then the other is required.  
 Semantic Notes:  
 Comments:

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use DTM01	374	Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
	002	Delivery Requested	
		<i>Use when the delivery date of the order does not conform to the basic Indefinite Delivery Contract (IDC) instrument.</i>	
	007	Effective	
		<i>Use with codes RD6 or RD8 in DTM06 to indicate the ordering period for a line item, e.g., a provisioned item. Specify the date range in DTM07.</i>	
	017	Estimated Delivery	
	063	Do Not Deliver After	
		<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>	
	064	Do Not Deliver Before	
		<i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>	
	077	Requested for Delivery (Week of)	
		<i>When this code is used, cite the beginning day of the week.</i>	
	106	Required By	
		<i>Use to indicate that deliveries are due exactly on the specified date.</i>	
	174	Month Ending	
		<i>Use to indicate delivery is required within the specified month. In DTM02, identify the month and cite the last calendar day of the month.</i>	
	181	Stop Work (as of)	
	193	Period Start	
		<i>Use to indicate the performance period start date or lease.</i>	
	194	Period End	
		<i>Use to indicate the performance period end date or lease.</i>	
	275	Approved	
		Date report was approved by contractor representative	
		<i>Use to indicate the approval date of a Contract Data Requirements List.</i>	
	368	Submittal	



			Date an item was submitted to a customer	
			<i>When REF01 is code TN, use to indicate the date of a related transaction set.</i>	
	375		Delivery Start	
			The date that deliveries will begin	
			<i>Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified period.</i>	
	376		Delivery End	
			The date that deliveries will end	
			<i>Use to indicate the end date/time when the total quantity is to be delivered during a specified period.</i>	
	405		Production	
			Used to identify dates and times that operations or processes were performed	
			<i>Use to indicate the preparation date of a Contract Data Requirements List.</i>	
	600		As Of	
			<i>Use to indicate the "as of" date for submission of data.</i>	
	601		First Submission	
			<i>Use to indicate the date of the first submission of a data item specified by a Contract Data Requirements List.</i>	
	602		Subsequent Submission	
			<i>Use to indicate the date(s) of a subsequent submission(s) of a data item specified by a Contract Data Requirements List.</i>	
	641		Option	
			<i>Use with DTM02 to indicate the last date for the exercise of an option or with DTM06/07 to indicate the period during which the option may be exercised.</i>	
	937		Department of Labor Wage Determination Date	
			<i>Use to indicate the date of a Department of Labor Wage Determination. If revisions or modifications are applicable to a Wage Determination, cite the date of the most recent revision or modification in DTM02.</i>	
	994		Quote	
			The date on which a (price) quote was rendered	
			<i>When REF01 is code PR, use to indicate the date of the quote or offer.</i>	
	996		Required Delivery	
			A date on which or before, ordered goods or services must be delivered	
			<i>Use to indicate delivery is due on or before the specified date.</i>	
DTM02	373	Date		X DT 6/6
		Date (YYMMDD)		
DTM03	337	Time		X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
		<i>If applicable, use to identify the time for a delivery. Specify the time only in the HHMM format.</i>		
DTM04	623	Time Code		O ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow  
***Use only when DTM03 is used to express a time.***

CT	Central Time
ET	Eastern Time
GM	Greenwich Mean Time
LT	Local Time
MT	Mountain Time
PT	Pacific Time

DTM05	624	Century	O	NO 2/2
-------	-----	---------	---	--------

The first two characters in the designation of the year (CCYY)

DTM06	1250	Date Time Period Format Qualifier	X	ID 2/3
-------	------	-----------------------------------	---	--------

Code indicating the date format, time format, or date and time format

***1. Use any code.***

***2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format.***

***3. Use also to qualify a range of dates or times. Use of code RD6 or RD8 is preferred for expressing a date range***

Refer to 003050 Data Element Dictionary for acceptable code values.

DTM07	1251	Date Time Period	X	AN 1/35
-------	------	------------------	---	---------

Expression of a date, a time, or range of dates, times or dates and times

***When used to identify a time range for deliveries on a specified date, use code RTM in DTM06 to qualify a delivery time range, e.g., for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.***

**Segment: TD5 Carrier Details (Routing Sequence/Transit Time)****Position:** 240**Loop:** POC**Level:** Detail**Usage:** Optional**Max Use:** 12**Purpose:** To specify the carrier and sequence of routing and provide transit time information**Syntax Notes:** 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.

2 If TD502 is present, then TD503 is required.

3 If TD507 is present, then TD508 is required.

4 If TD510 is present, then TD511 is required.

**Semantic Notes:****Comments:** 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.**Data Element Summary**

Ref.	Data		
Des.	Element	Name	Attributes
Not Used TD501	133	<b>Routing Sequence Code</b>	O ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement	
TD502	66	<b>Identification Code Qualifier</b>	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
	10	Department of Defense Activity Address Code (DODAAC)	
		<i>When TD504 is code PL, use to indicate the DoDAAC of the pipeline.</i>	
TD503	67	<b>Identification Code</b>	X AN 2/20
		Code identifying a party or other code	
TD504	91	<b>Transportation Method/Type Code</b>	X ID 1/2
		Code specifying the method or type of transportation for the shipment	
		<i>1. Use any code other than code ZZ.</i>	
		<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
		<b>D Parcel Post</b>	
		<i>Use to indicate the U.S. Postal Service and not a private carrier.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used TD505	387	<b>Routing</b>	X AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
Not Used TD506	368	<b>Shipment/Order Status Code</b>	X ID 2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	
Not Used TD507	309	<b>Location Qualifier</b>	O ID 1/2
		Code identifying type of location	
Not Used TD508	310	<b>Location Identifier</b>	X AN 1/30
		Code which identifies a specific location	
Not Used TD509	731	<b>Transit Direction Code</b>	O ID 2/2
		The point of origin and point of direction	
Not Used TD510	732	<b>Transit Time Direction Qualifier</b>	O ID 2/2

			Code specifying the value of time used to measure the transit time	
Not Used	TD511	733	<b>Transit Time</b>	X R 1/4
			The numeric amount of transit time	
	TD512	284	<b>Service Level Code</b>	X ID 2/2
			Code defining service	

**1. Use any code other than code ZZ.**

**2. When TD401 is code EMR, use to identify the transportation requirements to satisfy the Emergency Order.**

Refer to 003050 Data Element Dictionary for acceptable code values.

**Segment:** **TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)  
**Position:** 260  
**Loop:** POC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify transportation special handling requirements, or hazardous materials information, or both  
**Syntax Notes:** 1 At least one of TD401 TD402 or TD404 is required.  
 2 If TD402 is present, then TD403 is required.  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
TD401	152	Special Handling Code Code specifying special transportation handling instructions <i>Any code, other than code ZZZ, may be used but the listed codes are preferred.</i>  <b>AMM</b> A.M. Delivery Requirement <b>DA</b> Dangerous <b>EMR</b> Emergency Service <i>Use to indicate an Emergency Order. When this code is used, TD512 may be used to specify transportation requirements.</i>  <b>EP</b> Expedite <b>EX</b> Explosive Flammable Gas <b>FG</b> Flammable Gas <b>FL</b> Flammable <b>FP</b> Flammable Poison Gas <b>HM</b> Endorsed as Hazardous Material <b>LT</b> Less Than Full Carload <b>LTT</b> Less Than Truckload <b>NC</b> Notify Consignee Before Delivery <b>PG</b> Poisonous Gas <b>PMM</b> P.M. Delivery Requirement Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/3
TD402	208	Hazardous Material Code Qualifier Code which qualifies the Hazardous Material Class Code (209) <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/1
TD403	209	Hazardous Material Class Code Code specifying the kind of hazard for a material	X AN 2/4
TD404	352	Description A free-form description to clarify the related data elements and their content <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	X AN 1/80



<b>Segment:</b>	<b>MAN</b> Marks and Numbers
<b>Position:</b>	270
<b>Loop:</b>	POC
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	10
<b>Purpose:</b>	To indicate identifying marks and numbers for shipping containers
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either MAN04 or MAN05 is present, then the other is required.</li> <li>2 If MAN06 is present, then MAN05 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.</li> <li>2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.</li> <li>3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.</li> <li>2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.</li> </ol>

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use MAN01	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) L Line Item Only	M ID 1/2
Must Use MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	M AN 1/45
MAN03	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/45
MAN04	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) L Line Item Only	X ID 1/2
MAN05	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	X AN 1/45
MAN06	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/45

**Segment:** **TXI** Tax Information  
**Position:** 290  
**Loop:** POC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify tax information  
**Syntax Notes:**

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

**Semantic Notes:**

- 1 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

**Comments:**

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 If TXI02 is not used, then the application of the percent (TXI03) is between trading partners.

## Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	TXI01	963	<b>Tax Type Code</b> Code specifying the type of tax <i>Use any code other than code ZZ.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
	TXI02	782	<b>Monetary Amount</b> Monetary amount	X R 1/15
	TXI03	954	<b>Percent</b> Percentage expressed as a decimal <i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed)</i>	X R 1/10
Not Used	TXI04	955	<b>Tax Jurisdiction Code Qualifier</b> Code identifying the source of the data used in tax jurisdiction code	X ID 2/2
Not Used	TXI05	956	<b>Tax Jurisdiction Code</b> Code identifying the taxing jurisdiction	X AN 1/10
	TXI06	441	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax <i>Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/1
	TXI07	662	<b>Relationship Code</b> Code indicating the relationship between entities <div style="margin-left: 40px;"> A Add  <i>Use to indicate the tax amount cited in TXI02 is to be added to the total line item amount.</i>  D Delete  <i>Use to indicate the tax amount cited in TXI02 has been deleted from the total line item amount proposed in the Response to the Solicitation.</i>  I Included  <i>Use to indicate the tax amount cited in TXI02 is included in the total line item amount.</i> </div>	O ID 1/1
	TXI08	828	<b>Dollar Basis For Percent</b> Dollar basis to be used in the percent calculation of the allowance, charge or tax	O R 1/9
	TXI09	325	<b>Tax Identification Number</b>	O AN 1/20

TXI10

350

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

*When TXI06 is used, provide the purchasing activity's tax exempt number when required by the taxing jurisdiction.*

Assigned Identification

O AN 1/11

Alphanumeric characters assigned for differentiation within a transaction set

*1. Use to identify the ACRN, project code, funding code, or accounting code to which a tax is applicable. These codes and their relationship to the financial accounting data they represent are established in the 1/AMT/277 loop.*

*2. Use only when TXI07 is code A.*

**Segment:** **SPI** Specification Identifier  
**Position:** 291  
**Loop:** POC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To provide a description of the included specification or technical data items  
**Syntax Notes:** 1 If either SPI02 or SPI03 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use SPI01	786	<b>Security Level Code</b> Code indicating the level of confidentiality assigned by the sender to the information following <i>Use to specify the level of Government security classification or commercial protection level assigned to the item identified in SPI02/03. If the item has both a Government security classification and a commercial protection level, cite the Government security classification in this data element and cite the commercial protection level in SPI09.</i> 06 Supplier Proprietary 92 Government Confidential 93 Government Secret 94 Government Top Secret	M ID 2/2
SPI02	128	<b>Reference Number Qualifier</b> Code qualifying the Reference Number. <i>1. Use to identify items within the transaction set that are classified, e.g., FMS case number, drawing number, SOW, etc. Use SPI04 to further define the number or description of the item cited in SPI03, if necessary.</i> <i>2. Use any code other than code ZZ.</i> <b>DD Document Identification</b> <i>Use to indicate an Engineering Data List.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
SPI03	127	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
SPI04	790	<b>Entity Title</b> Title of the data entity <i>Use only if necessary to further define the item cited in SPI03.</i>	O AN 1/132
Not Used SPI05	791	<b>Entity Purpose</b> The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction	O AN 1/80
Not Used SPI06	792	<b>Entity Status Code</b> Code indicating the current status of the data item specified by the electronic data item	O ID 1/1
Not Used SPI07	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set	O ID 2/2
Not Used SPI08	755	<b>Report Type Code</b> Code indicating the title or contents of a document, report or supporting item	O ID 2/2
SPI09	786	<b>Security Level Code</b> Code indicating the level of confidentiality assigned by the sender to the	O ID 2/2

information following

*When SPI01 is code 92, 93, or 94, use to identify the commercial protection level assigned to the item in SPI03, if applicable.*

06 Supplier Proprietary

Not Used	SPI10	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values	O	ID 2/2
Not Used	SPI11	822	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier	O	AN 1/15
Not Used	SPI12	554	<b>Assigned Number</b> Number assigned for differentiation within a transaction set	O	N0 1/6
Not Used	SPI13	1322	<b>Certification Type Code</b> Code indicating the type of certification	O	ID 1/1
Not Used	SPI14	1401	<b>Proposal Data Detail Identifier Code</b> Code identifying the basis of a cited value in a proposal	O	ID 1/3



**Segment:** **MSG** Message Text  
**Position:** 292  
**Loop:** POC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To provide a free form format that would allow the transmission of text information.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2

**Segment:** **SCH** Line Item Schedule  
**Position:** 295  
**Loop:** SCH  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the data for scheduling a specific line-item  
**Syntax Notes:** 1 If SCH03 is present, then SCH04 is required.  
2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.  
3 If SCH09 is present, then SCH08 is required.  
4 If SCH10 is present, then SCH08 is required.  
**Semantic Notes:** 1 SCH12 is the schedule identification.  
**Comments:** 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

## Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SCH01	380	Quantity Numeric value of quantity	M R 1/15
Must Use	SCH02	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	SCH03	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual	O ID 2/2
Not Used	SCH04	93	Name Free-form name	X AN 1/35
Must Use	SCH05	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	M ID 3/3
		002	Delivery Requested <i>Use when the delivery date of the order does not conform to the basic Indefinite Delivery Contract (IDC) instrument.</i>	
		017	Estimated Delivery	
		063	Do Not Deliver After <i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>	
		064	Do Not Deliver Before <i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>	
		077	Requested for Delivery (Week of) <i>When this code is used, cite the beginning day of the week.</i>	
		106	Required By <i>Use to indicate that deliveries are due exactly on the specified date.</i>	
		174	Month Ending <i>When this code is used, cite the last date of the month.</i>	
		358	Cycle Begin Date on which the cycle begins	

		375	Delivery Start	
			The date that deliveries will begin	
		996	Required Delivery	
			A date on which or before, ordered goods or services must be delivered	
			<i>Use to indicate that delivery is due on or before the specified date.</i>	
Must Use	SCH06	373	Date	M DT 6/6
			Date (YYMMDD)	
	SCH07	337	Time	O TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			<i>If applicable, use to identify the time for a delivery. Specify the time only in the HHMM format.</i>	
	SCH08	374	Date/Time Qualifier	X ID 3/3
			Code specifying type of date or time, or both date and time	
		002	Delivery Requested	
			<i>Use when the delivery date of the order does not conform to the basic Indefinite Delivery Contract (IDC) instrument.</i>	
		017	Estimated Delivery	
		063	Do Not Deliver After	
			<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>	
		064	Do Not Deliver Before	
			<i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>	
		077	Requested for Delivery (Week of)	
			<i>When this code is used, cite the beginning day of the week.</i>	
		106	Required By	
			<i>Use to indicate that deliveries are due exactly on the specified date.</i>	
		174	Month Ending	
			<i>When this code is used, cite the last date of the month.</i>	
		359	Cycle End	
			Date on which the cycle ends	
		376	Delivery End	
			The date that deliveries will end	
			<i>Use to indicate the end of a period of performance.</i>	
		996	Required Delivery	
			A date on which or before, ordered goods or services must be delivered	
			<i>Use to indicate that delivery is due on or before the specified date.</i>	
	SCH09	373	Date	X DT 6/6
			Date (YYMMDD)	
	SCH10	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			<i>If applicable, use to identify the time for a delivery. Specify the time only in</i>	

SCH11	326	<i>the HHMM format.</i> <b>Request Reference Number</b> <span style="float: right;"><b>O AN 1/45</b></span> Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number) <i>Use, as applicable, to cross-reference the cited line item to an RFQ or requisition number.</i>
Not Used	SCH12	<b>350 Assigned Identification</b> <span style="float: right;"><b>O AN 1/11</b></span> Alphanumeric characters assigned for differentiation within a transaction set

**Segment:** **N9** **Reference Number**  
**Position:** 320  
**Loop:** N9  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit identifying numbers and descriptive information as specified by the reference number qualifier  
**Syntax Notes:** 1 At least one of N902 or N903 is required.  
 2 If N906 is present, then N905 is required.  
**Semantic Notes:** 1 N906 reflects the time zone which the time reflects.  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use N901	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
	5N	Citation of Statute	
		<i>Use to indicate the legislative authorization under which the line item is awarded. Cite the legislative program title in N903.</i>	
	73	Statement of Work (SOW)	
		Description of a product or service to be procured under a contract; statement of requirements	
	BB	Authorization Number	
		Proves that permission was obtained to provide a service	
		<i>Use to indicate the Code of Federal Regulations.</i>	
	CJ	Clause Number	
		<i>Use to indicate a purchasing activity clause (i.e., a clause not found in FAR, DFARS, etc.). Identify the purchasing activity issuing the clause in N903.</i>	
	DF	Defense Federal Acquisition Regulations (DFAR)	
	DX	Department/Agency Number	
		<i>Use to indicate an Agency clause and identify the agency in N903.</i>	
	EC	Circular	
		<i>Use to indicate an OMB Circular number.</i>	
	FA	Federal Acquisition Regulations (FAR)	
	GS	General Services Administration Regulations (GSAR)	
	K7	Paragraph Number	
		<i>Use to indicate information for a contractor. Cite an applicable number in N902 and provide the information in the following MSG segment. The numbering system can be based on the uniform contract format, e.g., H-1 for special requirements or any other numbering system the originator desires.</i>	
	KD	Special Instructions Number	
		<i>Use to indicate a special instruction. Indicate the agency or purchasing activity issuing the special instruction in N903. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.</i>	



		KY	Site Specific Procedures, Terms, and Conditions A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents	
		KZ	Master Solicitation Procedures, Terms, and Conditions A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents <i>Use to indicate the Master Solicitation number that contains applicable terms and conditions.</i>	
		VB	Department of Veterans Affairs Acquisition Regulations (VAAR)	
		ZZ	Mutually Defined <i>Use to indicate any other reference number that cannot use a specific qualifier code. Indicate the source of the reference in N903 and use the following MSG segment, if necessary, to pass text.</i>	
N902	127	Reference Number	X AN 1/30 Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
N903	369	Free-form Description	X AN 1/45 Free-form descriptive text <i>1. When N901 is code CJ or DX, use to identify the agency or purchasing activity issuing the clause cited in N902.</i> <i>2. When N901 is code ZZ, use to identify the source of the reference and use the following MSG segment for text, if necessary.</i> <i>3. When N902 cites a FAR or other Progress Payment clause codified within 48 CFR and the Progress Payment rate or Progress Payment Liquidation rate is other than the customary rate, cite the words PROGRESS PAYMENT RATE or LIQUIDATION RATE and provide the rate in the following MSG segment.</i> <i>4. Use of free-form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
N904	373	Date	O DT 6/6 Date (YYMMDD) <i>Use to identify the date of the clause cited in N902. The DD (day) portion of the date is always 01.</i>	
Not Used	N905	337	Time	X TM 4/8 Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)
Not Used	N906	623	Time Code	O ID 2/2 Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

**Segment:** **MSG** Message Text  
**Position:** 330  
**Loop:** N9  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1000  
**Purpose:** To provide a free form format that would allow the transmission of text information.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use	MSG01	933 Free-Form Message Text Free-form message text <i>When citing a Progress Payment rate or Progress Payment Liquidation rate, the rate (percentage) shall be cited as a four position number with two decimal places. Cite 87 percent as 87.00, cite 87.5 percent as 87.50, cite 7.25 percent as 07.25.</i>	M AN 1/264
Not Used	MSG02	934 Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2

**Segment:** **LS** Loop Header  
**Position:** 331  
**Loop:** POC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate that the next segment begins a loop  
**Syntax Notes:**  
**Semantic Notes:** 1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.  
**Comments:** 1 See Figures Appendix for an explanation of the use of the LS and LE segments.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use LS01	447	Loop Identifier Code	M AN 1/4
The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE			
<i>Cite the letters LDT.</i>			

**Segment:** **LDT** Lead Time  
**Position:** 332  
**Loop:** LDT  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify lead time for availability of products and services  
**Syntax Notes:**  
**Semantic Notes:** 1 LDT04 is the effective date of lead time information.  
**Comments:** 1 LDT02 is the quantity of unit of time periods.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use LDT01	345	Lead Time Code	M ID 2/2
		Code indicating the time range	
		AD	From date of sample approval to first product shipment
		AH	From Date of Receipt of First Article to First Article Approval
		AI	From Date of a Specified Event to Delivery <i>When this code is used, identify the specified event in the following MSG segment. If the specified event is the scheduling of a shipment or the requesting of shipping instructions, cite the contact communications number in the 2/PER/390 segment.</i>
		AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)
		AK	From Date Of Latest Delivery To Final Delivery
		AM	From Date Of Previous Delivery To Date Of SubsequentDelivery
		AV	From Date of Award to Date of Latest Delivery
		AW	From Date of Award to Date of Earliest Delivery
		AX	From Date of Award to Date of Completion <i>Use to indicate the completion date, e.g., for a level of effort.</i>
		AY	From Date of Award to Date of Delivery
		AZ	From Date of Receipt of Item to Date of Approval of Item
Must Use LDT02	380	Quantity	M R 1/15
		Numeric value of quantity	
Must Use LDT03	344	Unit of Time Period or Interval	M ID 2/2
		Code indicating the time period or interval	
		CY	Calendar Year
		DA	Calendar Days
		KK	Maximum Calendar Days <i>Use to indicate a flexible time period, e.g., X number of days or less.</i>
		MO	Month
		QY	Quarter of a Year
		SA	Semiannual
		WK	Weeks
LDT04	373	Date	O DT 6/6
		Date (YYMMDD)	
		<i>Use to cite a date relevant to the lead time. For example, the start date of the</i>	

*cited activity.*



Segment: **QTY** Quantity  
 Position: 333  
 Loop: LDT  
 Level: Detail  
 Usage: Optional  
 Max Use: >1  
 Purpose: To specify quantity information  
 Syntax Notes:  
 Semantic Notes:  
 Comments:

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use QTY01	673	Quantity Qualifier Code specifying the type of quantity	M ID 2/2
		1J Due The amount due to the customer <i>Use to indicate the quantity to be delivered.</i>	
		1K Time Units The number of time units such as 8 (hours) <i>Use to indicate the length of the delivery period.</i>	
		52 Number of Originals <i>Use to indicate the number of regular copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		K6 Drafts <i>Use to indicate the number of draft copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		KF Duplicates <i>Use to indicate the number of reproducible copies of a data item on a Contract Data Requirements list that are to be delivered to all addressees on an exhibit distribution list.</i>	
		SA Shipments <i>Use to indicate the number of shipments expected to complete the deliverable quantity.</i>	
Must Use QTY02	380	Quantity Numeric value of quantity	M R 1/15
		1. When QTY01 is code 1J, cite the quantity to be delivered.	
		2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4, and in QTY03 identify the time measurement of the delivery period, e.g., months.	
QTY03	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
		1. Use any code other than code ZZ.	
		2. An application program conversion table may be required to convert agency codes to ASC X12 codes.	
		DA Days When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01	

*is code 1K, use to indicate the length of the delivery period.*

**MO Months**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

**Q1 Quarter (Time)**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

**WK Week**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

**YR Years**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

Refer to 003050 Data Element Dictionary for acceptable code values.

**Segment:** **MSG** Message Text  
**Position:** 334  
**Loop:** LDT  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To provide a free form format that would allow the transmission of text information.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2

**Segment:** **REF** Reference Numbers  
**Position:** 335  
**Loop:** LDT  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
		10 Account Managers Code Identifies the telecommunications manager assigned to this account <i>Use to indicate an accounting code.</i>	
		1Z Financial Detail Code	
		AT Appropriation Number <i>When used, cite the number in REF03.</i>	
		AX Government Accounting Class Reference Number (ACRN)	
		BL Government Bill of Lading	
		FU Fund Code Defense Fuel Supply Cneter to bill back fuel purchases to the appropriate service or agency account fund	
		IL Internal Order Number <i>Use to indicate the requisition (MILSTRIP/FEDSTRIP document) number.</i>	
		P4 Project Code	
		TG Transportation Control Number (TCN)	
		TH Transportation Account Code (TAC)	
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
REF03	352	Description A free-form description to clarify the related data elements and their content <i>When REF01 is code AT, use to identify the appropriation number.</i>	X AN 1/80

**Segment:** **LM** **Code Source Information**  
**Position:** 336  
**Loop:** LM  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 LM02 identifies the applicable industry code list source information.

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15



Segment: **LQ** Industry Code  
Position: 337  
Loop: LM  
Level: Detail  
Usage: Mandatory  
Max Use: >1  
Purpose: Code to transmit standard industry codes  
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.  
Semantic Notes:  
Comments:

Data Element Summary			
Ref. Des.	Data Element	Name	Attributes
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		FX Frequency	
		<i>Use to indicate the delivery frequency code for a data item deliverable on a Contract Data Requirements List (DD Form 1423).</i>	
LQ02	1271	Industry Code	X AN 1/20
		Code indicating a code from a specific industry code list	

**Segment:** **LE** Loop Trailer  
**Position:** 338  
**Loop:** POC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate that the loop immediately preceding this segment is complete  
**Syntax Notes:**  
**Semantic Notes:** 1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.  
**Comments:** 1 See Figures Appendix for an explanation of the use of the LE and LS segments.

## Data Element Summary

Ref.	Data		
Des.	Element	Name	Attributes
Must Use LE01	447	Loop Identifier Code	M AN 1/4
		The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	
		<i>Cite the letters LDT.</i>	

**Segment:** **N1** Name  
**Position:** 340  
**Loop:** N1  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
 2 N105 and N106 further define the type of entity in N101.

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use N101	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
	28	Subcontractor	
	31	Postal Mailing Address	
		<i>Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.</i>	
	44	Data Processing Service Bureau	
		<i>Use to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.</i>	
	61	Performed At	
		The facility where work was performed	
		<i>Use to indicate additional places of performance applicable to the line item.</i>	
	7D	Contracting Officer Representative	
	7G	Hazardous Material Office	
	7H	Government Furnished Property FOB Point	
	7L	Preliminary Inspection Location	
		<i>Use to indicate the inspection location for a first article.</i>	
	7M	Inspection and Acceptance Location	
		<i>Use to indicate the inspection and acceptance point when both are at the same location but the location is neither at origin nor at destination.</i>	
	7P	Transportation Office	
	88	Approver	
		Manufacturer's representative approving claim for payment	
		<i>Use to indicate the party approving a Contract Data Requirements List.</i>	
	AE	Additional Delivery Address	
		<i>Use to indicate a shipment in-place location.</i>	

BT	Bill-to-Party <i>Use to indicate the party who will provide reimbursement for the payment of a contractor's invoice. This is an internal government billed party and not the party the contractor bills. Use is discouraged. Use only when the contractor or other party receiving the order or copy of the order, needs to receive this information.</i>
CY	Country <i>Use to indicate the country to which a Foreign Military Sale applies. Cite "FMS" in N102 and cite the applicable two position ISO 3166 country code in N404.</i>
DL	Dealer <i>Use to indicate a dealer or reseller of products.</i>
DS	Distributor <i>Use to indicate a distributor of products.</i>
E5	Examiner <i>Use to indicate a Grant Investigator.</i>
IC	Intermediate Consignee <i>When FOB02 is code IT, use to indicate a freight forwarder.</i>
IS	Party to Receive Certified Inspection Report
KA	Item Manager The address of the person responsible for the management of an item of supply <i>Use to indicate the government inventory manager.</i>
KF	Audit Office The office performing the audit
KG	Project Manager The address of the person responsible for the management of a designated project <i>Use to indicate the government party responsible for a project to include the advisor under a Grant.</i>
KX	Free on Board Point <i>When FOB02 is code KE, KL, or ZZ, use to specify the other FOB point.</i>
KY	Technical Office <i>Use to indicate the technical office that has cognizance over the technical portion of the order, if different from the office originating the order. Do not use unless it is intended for the contractor to deal directly with the cited party.</i>
KZ	Acceptance Location <i>Use when the acceptance point is other than at origin or destination.</i>
L1	Inspection Location Place where the item was viewed or inspected <i>Use to indicate the inspection location when it has to be described as an address.</i>
OI	Outside Inspection Agency <i>Use to indicate the inspecting activity is other than the Contract Administration Office.</i>
P1	Preparer The firm, organization, or individual who determines



			the tax liability from information supplied by the taxpayer
			<i>Use to indicate the preparer of a Contract Data Requirements List.</i>
	PA		Party to Receive Inspection Report
	PC		Party to Receive Cert. of Conformance (C.A.A.)
	PN		Party to Receive Shipping Notice
	PO		Party to Receive Invoice for Goods or Services
			<i>Use to indicate where the invoice should be mailed.</i>
	PR		Payer
			<i>Use to indicate the paying office.</i>
	PW		Pick Up Address
			<i>Use to indicate the location where government property is to be picked up for repair or other disposition.</i>
	R6		Requester
			<i>Use to indicate the requesting agency/activity.</i>
	SM		Party to Receive Shipping Manifest
	ST		Ship To
			<i>If the address is an FPO or APO, cite FPO or APO in N102, cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.</i>
	SV		Service Performance Site
			When services are contracted for, this describes the organization for whom or location address at which those services will be performed
			<i>Use to indicate the location where a service, e.g., grass cutting, is to be performed or where service for a product can be obtained.</i>
	TS		Party to Receive Certified Test Results
	X2		Party to Perform Packaging
			A party responsible for packaging an item after it has been produced
	Z7		Mark-for Party
			The party for whom the needed material is intended
	ZD		Party to Receive Reports
			The organization designated to receive reports
N102	93	Name	X AN 1/35
		Free-form name	
N103	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
			<i>While the Federal EDI program uses the DUNs number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions</i>
		1	D-U-N-S Number, Dun & Bradstreet
			<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
			<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>
		10	Department of Defense Activity Address Code



(DODAAC)

*Use to indicate a Department of Defense or a Civilian Agency Activity Address Code.*

33 Commercial and Government Entity (CAGE)

A2 Military Assistance Program Address Code (MAPAC)  
Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

	N104	67	<b>Identification Code</b>	X	AN 2/20
			Code identifying a party or other code		
Not Used	N105	706	<b>Entity Relationship Code</b>	O	ID 2/2
			Code describing entity relationship		
Not Used	N106	98	<b>Entity Identifier Code</b>	O	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		

Segment: **N2** Additional Name Information  
Position: 350  
Loop: N1  
Level: Detail  
Usage: Optional  
Max Use: 2  
Purpose: To specify additional names or those longer than 35 characters in length  
Syntax Notes:  
Semantic Notes:  
Comments:

## Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: **N3** Address Information  
Position: 360  
Loop: N1  
Level: Detail  
Usage: Optional  
Max Use: 2  
Purpose: To specify the location of the named party  
Syntax Notes:  
Semantic Notes:  
Comments:

Data Element Summary				
	Ref.	Data		
	Des.	Element	Name	Attributes
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

**Segment:** **N4** Geographic Location  
**Position:** 370  
**Loop:** N1  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the USA or Canada.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/11
N404	26	Country Code Code identifying the country <i>Cite the two position ISO 3166 country code.</i>	O ID 2/3
N405	309	Location Qualifier Code identifying type of location AR Armed Services Location Designation <i>Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).</i>	X ID 1/2
N406	310	Location Identifier Code which identifies a specific location <i>When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).</i>	O AN 1/30

**Segment:** **REF** Reference Numbers  
**Position:** 380  
**Loop:** N1  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
		10 Account Managers Code Identifies the telecommunications manager assigned to this account <i>Use to indicate an accounting code.</i>	
		1Z Financial Detail Code	
		AT Appropriation Number <i>When used, cite the number in REF03.</i>	
		AX Government Accounting Class Reference Number (ACRN)	
		BL Government Bill of Lading	
		FU Fund Code Defense Fuel Supply Cneter to bill back fuel purchases to the appropriate service or agency account fund	
		IL Internal Order Number <i>Use to indicate the requisition (MILSTRIP/FEDSTRIP document) number.</i>	
		P4 Project Code	
		TG Transportation Control Number (TCN)	
		TH Transportation Account Code (TAC)	
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
REF03	352	Description A free-form description to clarify the related data elements and their content <i>When REF01 is code AT, use to identify the appropriation number.</i>	X AN 1/80



Segment: **PER** Administrative Communications Contact

Position: 390

Loop: N1

Level: Detail

Usage: Optional

Max Use: 3

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.  
2 If either PER05 or PER06 is present, then the other is required.  
3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	PER01	366	Contact Function Code
			Code identifying the major duty or responsibility of the person or group named
		AV	Advisor
			<i>Use in conjunction with code KG to indicate the government party who will work with the contractor on basic R&amp;D efforts in a particular science area.</i>
		CD	Contract Contact
			<i>Use in conjunction with N101 code 7D to indicate the Contracting Officer's Representative.</i>
		CN	General Contact
			<i>Use in conjunction with N101 code ST to indicate the accepting official at destination.</i>
		HM	Hazardous Material Contact
			<i>Use in conjunction with N101 code 7G.</i>
		IC	Information Contact
			<i>Use with an applicable N101 code to indicate an information point of contact when no other code applies.</i>
		NT	Notification Contact
			<i>When N101 is code ST, LDT01 in the 2/LDT/332 or 2/LDT/451 segment cites code AI, and the 2/MSG/334 or 2/MSG/454 segment specifies a requirement to obtain shipping instructions, use to indicate the party to contact for shipping instructions.</i>
		PP	Program Manager
			<i>1. Includes Grants Project Officer</i>
			<i>2. Use in conjunction with N101 code KG.</i>
		RE	Receiving Contact
			<i>When N101 is code ST, LDT01 in the 2/LDT/332 or 2/LDT/451 segment cites code AI, and the 2/MSG/334 or 2/MSG/454 segment specifies a requirement to schedule a shipment, use to indicate the party to contact to schedule a shipment.</i>
PER02	93	Name	O AN 1/35
		Free-form name	
			<i>Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the</i>

		<i>party's title.</i>	
PER03	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
		EM	Electronic Mail
		FX	Facsimile
		IT	International Telephone
			<i>Include the country code.</i>
		TE	Telephone <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER04	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
			<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>
PER05	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
			<i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.</i>
		AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
		EM	Electronic Mail
		EX	Telephone Extension
			<i>Use only if PER03 is used citing either code AU or TE.</i>
		FX	Facsimile
		IT	International Telephone
			<i>Include the country code.</i>
		TE	Telephone <i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
PER06	364	Communication Number	X AN 1/80
		Complete communications number including country or area code when applicable	
			<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>
PER07	365	Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
			<i>Use to identify a third communications number for the party cited in PER02.</i>
		AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
		EM	Electronic Mail
		EX	Telephone Extension
			<i>Use only if PER05 is used citing either code AU or TE.</i>

FX	Facsimile
IT	International Telephone
	<i>Include the country code.</i>
TE	Telephone

*Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.*

PER08	364	Communication Number	X	AN 1/80
-------	-----	----------------------	---	---------

Complete communications number including country or area code when applicable

*All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.*

PER09	443	Contact Inquiry Reference	O	AN 1/20
-------	-----	---------------------------	---	---------

Additional reference number or description to clarify a contact number

*Use, if necessary, to provide the title of the party cited in PER02.*

**Segment:** **SCH** Line Item Schedule  
**Position:** 405  
**Loop:** N1  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 200  
**Purpose:** To specify the data for scheduling a specific line-item  
**Syntax Notes:**

- 1 If SCH03 is present, then SCH04 is required.
- 2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.
- 3 If SCH09 is present, then SCH08 is required.
- 4 If SCH10 is present, then SCH08 is required.

**Semantic Notes:** 1 SCH12 is the schedule identification.  
**Comments:** 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SCH01	380	<b>Quantity</b> Numeric value of quantity	M R 1/15
Must Use	SCH02	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	SCH03	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, or an individual	O ID 2/2
Not Used	SCH04	93	<b>Name</b> Free-form name	X AN 1/35
Must Use	SCH05	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	M ID 3/3
		002	Delivery Requested <i>Use when the delivery date of the order does not conform to the basic IDC instrument.</i>	
		017	Estimated Delivery	
		063	Do Not Deliver After <i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>	
		064	Do Not Deliver Before <i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>	
		077	Requested for Delivery (Week of) <i>When this code is used, cite the beginning day of the week.</i>	
		106	Required By <i>Use to indicate that deliveries are due exactly on the specified date.</i>	
		174	Month Ending <i>When this code is used, cite the last date of the month.</i>	
		358	Cycle Begin Date on which the cycle begins	
		375	Delivery Start	



			996	The date that deliveries will begin Required Delivery A date on which or before, ordered goods or services must be delivered <i>Use to indicate that delivery is due on or before the specified date.</i>	
Must Use	SCH06	373	Date Date (YYMMDD)	M	DT 6/6
	SCH07	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>If applicable, use to identify the time for a delivery. Specify the time only in the HHMM format.</i>	O	TM 4/8
	SCH08	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	X	ID 3/3
			002	Delivery Requested <i>Use when the delivery date of the order does not conform to the basic Indefinite Delivery Contract (IDC) instrument.</i>	
			017	Estimated Delivery	
			063	Do Not Deliver After <i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>	
			064	Do Not Deliver Before <i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>	
			077	Requested for Delivery (Week of) <i>When this code is used, cite the beginning day of the week.</i>	
			106	Required By <i>Use to indicate that deliveries are due exactly on the specified date.</i>	
			174	Month Ending <i>When this code is used, cite the last date of the month.</i>	
			359	Cycle End Date on which the cycle ends	
			376	Delivery End The date that deliveries will end	
			996	Required Delivery A date on which or before, ordered goods or services must be delivered <i>Use to indicate that delivery is due on or before the specified date.</i>	
	SCH09	373	Date Date (YYMMDD)	X	DT 6/6
	SCH10	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>If applicable, use to identify the time for a delivery. Specify the time only in the HHMM format.</i>	X	TM 4/8
	SCH11	326	Request Reference Number	O	AN 1/45



Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)

*Use, as applicable, to cross-reference the cited line item to an RFQ or requisition number.*

Not Used SCH12

350

Assigned Identification

O AN 1/11

Alphanumeric characters assigned for differentiation within a transaction set

<b>Segment:</b>	<b>TD5</b> Carrier Details (Routing Sequence/Transit Time)
<b>Position:</b>	420
<b>Loop:</b>	N1
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	12
<b>Purpose:</b>	To specify the carrier and sequence of routing and provide transit time information
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.</li> <li>2 If TD502 is present, then TD503 is required.</li> <li>3 If TD507 is present, then TD508 is required.</li> <li>4 If TD510 is present, then TD511 is required.</li> </ol>
<b>Semantic Notes:</b>	
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.</li> </ol>

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Not Used	TD501	133 Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement	O ID 1/2
	TD502	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 10 Department of Defense Activity Address Code (DODAAC) <i>When TD504 is code PL, use to indicate the DoDAAC of the pipeline.</i>	X ID 1/2
	TD503	67 Identification Code Code identifying a party or other code	X AN 2/20
	TD504	91 Transportation Method/Type Code Code specifying the method or type of transportation for the shipment <i>1. Use any code other than code ZZ.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> <b>D Parcel Post</b> <i>Use to indicate the U.S. Postal Service and not a private carrier.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/2
Not Used	TD505	387 Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	X AN 1/35
Not Used	TD506	368 Shipment/Order Status Code Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	X ID 2/2
Not Used	TD507	309 Location Qualifier Code identifying type of location	O ID 1/2
Not Used	TD508	310 Location Identifier Code which identifies a specific location	X AN 1/30
Not Used	TD509	731 Transit Direction Code The point of origin and point of direction	O ID 2/2
Not Used	TD510	732 Transit Time Direction Qualifier	O ID 2/2

			Code specifying the value of time used to measure the transit time	
Not Used	TD511	733	Transit Time	X R 1/4
			The numeric amount of transit time	
	TD512	284	Service Level Code	X ID 2/2
			Code defining service	

*1. Use any code other than code ZZ.*

*2. When TD401 is code EMR, use to identify the transportation requirements to satisfy the Emergency Order.*

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: **TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)  
 Position: 440  
 Loop: N1  
 Level: Detail  
 Usage: Optional  
 Max Use: 5  
 Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax Notes: 1 At least one of TD401 TD402 or TD404 is required.

2 If TD402 is present, then TD403 is required.

Semantic Notes:

Comments:

#### Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		<i>Use any code, other than code ZZZ, but the listed codes are preferred.</i>	
		<i>AMM A.M. Delivery Requirement</i>	
		<i>DA Dangerous</i>	
		<i>EMR Emergency Service</i>	
		<i>Use to indicate an Emergency Order. When this code is used, TD512 may be used to specify transportation requirements.</i>	
		<i>EP Expedite</i>	
		<i>EX Explosive Flammable Gas</i>	
		<i>FG Flammable Gas</i>	
		<i>FL Flammable</i>	
		<i>FP Flammable Poison Gas</i>	
		<i>HM Endorsed as Hazardous Material</i>	
		<i>LT Less Than Full Carload</i>	
		<i>LTT Less Than Truckload</i>	
		<i>NC Notify Consignee before Delivery</i>	
		<i>PG Poisonous Gas</i>	
		<i>PMM P.M. Delivery Requirement</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD402	208	Hazardous Material Code Qualifier	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209)	
		<i>Use any code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD403	209	Hazardous Material Class Code	X AN 2/4
		Code specifying the kind of hazard for a material	
TD404	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

<b>Segment:</b>	<b>PKG</b> Marking, Packaging, Loading
<b>Position:</b>	450
<b>Loop:</b>	N1
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	200
<b>Purpose:</b>	To describe marking, packaging, loading, and unloading requirements
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of PKG04 PKG05 or PKG06 is required.</li> <li>2 If PKG04 is present, then PKG03 is required.</li> <li>3 If PKG05 is present, then PKG01 is required.</li> </ol>
<b>Semantic Notes:</b>	1 PKG04 should be used for industry-specific packaging description codes.
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.</li> <li>2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.</li> <li>3 Use PKG03 to indicate the organization that publishes the code list being referred to.</li> <li>4 Special marking or tagging data can be given in PKG05 (description).</li> </ol>

## Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PKG01	349	Item Description Type	X ID 1/1
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
		X Semi-structured (Code and Text)	
PKG02	753	Packaging Characteristic Code	O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described	
		<i>Use the listed codes to identify applicable packaging requirements.</i>	
		CD Cleaning or Drying Procedure	
		CT Cushioning Thickness	
		CUD Cushioning and Dunnage	
		HM Hazardous Material	
		IC Intermediate Container	
		LP Level Of Preservation	
		OPI Optional Procedure Indicator	
		PK Packing	
		<i>When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D 3951 is acceptable, cite MIL-STD 2073-2C code X in PKG04.</i>	
		PM Preservation Method	
		PML Preservation Material	
		SMK Special Marking	
		UC Unit Container	
		UCL Unit Container Level	



		WM	Wrapping Material		
PKG03	559	Agency Qualifier Code		X	ID 2/2
		Code identifying the agency assigning the code values			
		DF	Department of Defense (DoD)		
		GS	General Services Administration (GSA)		
			Responsible for Federal Specification		
		ZZ	Mutually Defined		
			<i>Use to indicate a federal activity other than DoD or GSA.</i>		
PKG04	754	Packaging Description Code		X	AN 1/7
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product			
		<i>1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in Code Source List 197 (MIL-STD 2073-2C).</i>			
		<i>2. When the contractor is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y", or "YY" (dependent on the number of positions in the code).</i>			
		<i>3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD 2073-2C. Use PKG05 to provide supplementary or special requirements.</i>			
		<i>4. When the requirement associated with a packaging characteristic code is included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).</i>			
		<i>5. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>			
PKG05	352	Description		X	AN 1/80
		A free-form description to clarify the related data elements and their content			
		<i>1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.</i>			
		<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>			
Not Used	PKG06	400	Unit Load Option Code	X	ID 2/2
			Code identifying loading or unloading a shipment		

**Segment:** **LDT** Lead Time  
**Position:** 451  
**Loop:** LDT  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify lead time for availability of products and services  
**Syntax Notes:**  
**Semantic Notes:** 1 LDT04 is the effective date of lead time information.  
**Comments:** 1 LDT02 is the quantity of unit of time periods.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use	LDT01	345 Lead Time Code	M ID 2/2
		Code indicating the time range	
		AD From date of sample approval to first product shipment	
		AH From Date of Receipt of First Article to First Article Approval	
		AI From Date of a Specified Event to Delivery	
		<i>When this code is used, identify the specified event in the following MSG segment. If the specified event is the scheduling of a shipment or the requesting of shipping instructions, cite the contact communications number in the 2/PER/390 segment.</i>	
		AJ From Date of First Delivery to Date of Subsequent Delivery(ies)	
		AK From Date Of Latest Delivery To Final Delivery	
		AM From Date Of Previous Delivery To Date Of SubsequentDelivery	
		AV From Date of Award to Date of Latest Delivery	
		AW From Date of Award to Date of Earliest Delivery	
		AX From Date of Award to Date of Completion	
		<i>Use to indicate the completion date, e.g., for a level of effort.</i>	
		AY From Date of Award to Date of Delivery	
		AZ From Date of Receipt of Item to Date of Approval of Item	
Must Use	LDT02	380 Quantity	M R 1/15
		Numeric value of quantity	
Must Use	LDT03	344 Unit of Time Period or Interval	M ID 2/2
		Code indicating the time period or interval	
		CY Calendar Year	
		DA Calendar Days	
		KK Maximum Calendar Days	
		<i>Use to indicate a flexible time period, e.g., X number of days or less.</i>	
		MO Month	
		QY Quarter of a Year	
		SA Semiannual	
		WK Weeks	
	LDT04	373 Date	O DT 6/6
		Date (YYMMDD)	
		<i>Use to cite a date relevant to the lead time. For example, the start date of the</i>	

*cited activity.*

<b>Segment:</b>	<b>MAN</b> Marks and Numbers
<b>Position:</b>	452
<b>Loop:</b>	LDT
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	10
<b>Purpose:</b>	To indicate identifying marks and numbers for shipping containers
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either MAN04 or MAN05 is present, then the other is required.</li> <li>2 If MAN06 is present, then MAN05 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.</li> <li>2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.</li> <li>3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.</li> <li>2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.</li> </ol>

## Data Element Summary

Ref.	Data			
Des.	Element	Name	Attributes	
Must Use	MAN01	88	Marks and Numbers Qualifier	M ID 1/2
			Code specifying the application or source of Marks and Numbers (87)	
		L	Line Item Only	
Must Use	MAN02	87	Marks and Numbers	M AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN03	87	Marks and Numbers	O AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN04	88	Marks and Numbers Qualifier	X ID 1/2
			Code specifying the application or source of Marks and Numbers (87)	
		L	Line Item Only	
	MAN05	87	Marks and Numbers	X AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN06	87	Marks and Numbers	O AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment	

Segment: **QTY** Quantity  
 Position: 453  
 Loop: LDT  
 Level: Detail  
 Usage: Optional  
 Max Use: 5  
 Purpose: To specify quantity information  
 Syntax Notes:  
 Semantic Notes:  
 Comments:

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use QTY01	673	Quantity Qualifier Code specifying the type of quantity	M ID 2/2
		1J Due The amount due to the customer <i>Use to indicate the quantity to be delivered.</i>	
		1K Time Units The number of time units such as 8 (hours) <i>Use to indicate the length of the delivery period.</i>	
		52 Number of Originals <i>Use to indicate the number of regular copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		K6 Drafts <i>Use to indicate the number of draft copies of a data item on a Contract Data Requirements List that are to be delivered.</i>	
		KF Duplicates <i>Use to indicate the number of reproducible copies of a data item on a Contract Data Requirements list that are to be delivered to all addressees on an exhibit distribution list.</i>	
		SA Shipments <i>Use to indicate the number of shipments expected to complete the deliverable quantity.</i>	
Must Use QTY02	380	Quantity Numeric value of quantity	M R 1/15
		1. When QTY01 is code 1J, cite the quantity to be delivered.	
		2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4, and in QTY03 identify the time measurement of the delivery period, e.g., months.	
QTY03	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
		1. Use any code other than code ZZ.	
		2. An application program conversion table may be required to convert agency codes to ASC X12 codes.	
		DA Days	



*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

**MO Months**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

**Q1 Quarter (Time)**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

**WK Week**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

**YR Years**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

Refer to 003050 Data Element Dictionary for acceptable code values.

**Segment:** **MSG** Message Text  
**Position:** 454  
**Loop:** LDT  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To provide a free form format that would allow the transmission of text information.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2

**Segment:** **REF** Reference Numbers  
**Position:** 455  
**Loop:** LDT  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2
		10 Account Managers Code Identifies the telecommunications manager assigned to this account <i>Use to indicate an accounting code.</i>	
		1Z Financial Detail Code	
		AT Appropriation Number <i>When used, cite the number in REF03.</i>	
		AX Government Accounting Class Reference Number (ACRN)	
		BL Government Bill of Lading	
		FU Fund Code Defense Fuel Supply Cneter to bill back fuel purchases to the appropriate service or agency account fund	
		IL Internal Order Number <i>Use to indicate the requisition (MILSTRIP/FEDSTRIP document) number.</i>	
		P4 Project Code	
		TG Transportation Control Number (TCN)	
		TH Transportation Account Code (TAC)	
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
REF03	352	Description A free-form description to clarify the related data elements and their content <i>When REF01 is code AT, use to identify the appropriation number.</i>	X AN 1/80

Segment: **AMT** Monetary Amount  
 Position: 590  
 Loop: AMT  
 Level: Detail  
 Usage: Optional  
 Max Use: 1  
 Purpose: To indicate the total monetary amount  
 Syntax Notes:  
 Semantic Notes:  
 Comments:

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	AMT01	522 Amount Qualifier Code	M ID 1/2
		Code to qualify amount	

1. For the correct use of the following codes in various fee and profit arrangements by type of contract, see the table above.

2. Codes 1, 29, AX, BM, K9, KC, KD, ZR, and ZS are to be used in accordance with the notes or definition associated with each code.

1	Line Item Total	<i>Use to indicate the line item total amount.</i>
29	Estimated Price	The latest revised estimate of the total cost at complete for a contract
30	Contract Ceiling	The ceiling price applicable to defined effort
32	Target Fee or Profit Amount	The fee (can also be percent) of profit that will apply to defined contract effort
33	Original Contract Target Cost	Value of the original negotiated contract
35	Current Target Cost	Sum of Original Contract Target Cost and Negotiated Contract Changes
70	Open Commitments	Value of supplies or other items committed to for payment (such as on delivery of products)
AX	Previous Price	<i>Use to indicate the total price of the line item being "changed from" as a result of the modification.</i>
BM	Adjustments	<i>Use to indicate a definitized line item amount.</i>
E9	Initial Fee	Beginning charge before any reductions
FE	Fee	
K4	Initial Target Fee	
K5	Minimum Fee	
K6	Maximum Fee	
K9	New Price	<i>Use to indicate the total price of the line item has been</i>

KC	<p>Obligated</p> <p>An amount a party has an obligation to pay upon a successful performance by another party, (e.g., funds obligated on a contract)</p> <p><i>Use in conjunction with the 2/REF/600 segment to indicate the obligated funds associated with an accounting code.</i></p>
KD	<p>Undefinitized</p> <p>An indicator that the amount has not yet been established but will be established at a future date</p> <p><i>Use to indicate an undefinitized amount.</i></p>
KO	Committed Amount
ZQ	Initial Target Cost
ZR	<p>Increase</p> <p><i>Use to indicate the increase in the total price of the line item or in the amount of the ACRN as a result of the modification.</i></p>
ZS	<p>Decrease</p> <p><i>Use to indicate the decrease in the total price of the line item or in the amount of the ACRN as a result of the modification.</i></p>

Must Use	AMT02	782	Monetary Amount	M	R 1/15
			Monetary amount		
Not Used	AMT03	478	Credit/Debit Flag Code	O	ID 1/1
			Code indicating whether amount is a credit or debit		



Segment: **REF** Reference Numbers  
 Position: 600  
 Loop: AMT  
 Level: Detail  
 Usage: Optional  
 Max Use: 1  
 Purpose: To specify identifying numbers.  
 Syntax Notes: 1 At least one of REF02 or REF03 is required.  
 Semantic Notes:  
 Comments:

## Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use REF01	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
		10 Account Managers Code	
		Identifies the telecommunications manager assigned to this account	
		<i>Use to indicate an accounting code.</i>	
		1Z Financial Detail Code	
		AT Appropriation Number	
		<i>When used, cite the number in REF03.</i>	
		AX Government Accounting Class Reference Number (ACRN)	
		FU Fund Code	
		Defense Fuel Supply Cneter to bill back fuel purchases to the appropriate service or agency account fund	
		P4 Project Code	
		TH Transportation Account Code (TAC)	
REF02	127	Reference Number	X AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
REF03	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>When REF01 is code AT, use to identify the appropriation number.</i>	

**Segment:** **LM** Code Source Information  
**Position:** 610  
**Loop:** LM  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 LM02 identifies the applicable industry code list source information.

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values <i>Use any code other than code ZZ. Use code DF to indicate the Department of Defense in preference to code DD.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier <i>When LQ01 is code ZZ, identify the code list that contains the code cited in LQ02.</i>	O AN 1/15

Segment: **LQ** Industry Code  
 Position: 620  
 Loop: LM  
 Level: Detail  
 Usage: Mandatory  
 Max Use: >1  
 Purpose: Code to transmit standard industry codes  
 Syntax Notes: 1 If LQ01 is present, then LQ02 is required.  
 Semantic Notes:  
 Comments:

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		6 Special Contract Provision Code	
		Certain contract clauses and provisions that require special attention	
		<i>Use to indicate special clauses that apply to the line item.</i>	
		7 Quality Assurance Site Code	
		The site at which quality assurance is performed	
		<i>Use to indicate the inspection point.</i>	
		9 Indicator Code	
		A specific condition applies to the contract	
		<i>Use to indicate specific conditions that apply to the line item.</i>	
		A9 Supplementary Address	
		Identifies the originating organization's unique logistics information	
		ZZ Mutually Defined	
		<i>Use to indicate that a code list is identified in LM02.</i>	
LQ02	1271	Industry Code	X AN 1/20
		Code indicating a code from a specific industry code list	
		<i>1. Use to cite a code from the code list identified by the qualifier in LQ01.</i>	
		<i>2. When LQ01 is code ZZ, use to cite a code from the code list identified in LM02.</i>	

**Segment:** **CTT** Transaction Totals  
**Position:** 010  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax Notes:** 1 If either CTT03 or CTT04 is present, then the other is required.  
 2 If either CTT05 or CTT06 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CTT01	354	Number of Line Items Total number of line items in the transaction set <i>Use to identify the total number of POC segments contained in this transaction set.</i>	M N0 1/6
	CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.  Example:  -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. <i>CTT02 is the sum of the quantities (POC03) for all POC segments.</i>	O R 1/10
Not Used	CTT03	81	Weight Numeric value of weight	X R 1/10
Not Used	CTT04	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
Not Used	CTT05	183	Volume Value of volumetric measure	X R 1/8
Not Used	CTT06	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
Not Used	CTT07	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80

Segment: **AMT** Monetary Amount  
 Position: 020  
 Loop:  
 Level: Summary  
 Usage: Optional  
 Max Use: 5  
 Purpose: To indicate the total monetary amount  
 Syntax Notes:  
 Semantic Notes:  
 Comments:

## Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use AMT01	522	Amount Qualifier Code Code to qualify amount	M ID 1/2
	29	Estimated Price The latest revised estimate of the total cost at complete for a contract <i>Use to indicate the total award instrument price is an estimate.</i>	
	30	Contract Ceiling The ceiling price applicable to defined effort <i>Use to indicate the contract ceiling price for fixed-price contracts with retroactive price redetermination.</i>	
	AD	Adjusted Total <i>Use to indicate a definitized award instrument amount.</i>	
	AX	Previous Price <i>Use to indicate the price of the award instrument being "changed from" as a result of the modification.</i>	
	K9	New Price <i>Use to indicate the total price of the award instrument price being "changed to" as a result of the modification.</i>	
	KD	Undefinitized An indicator that the amount has not yet been established but will be established at a future date <i>Use to indicate an undefinitized amount.</i>	
	TT	Total Transaction Amount <i>Use to indicate the total value of the award instrument when it is not an estimate.</i>	
	TY	Total at Complete <i>Use to indicate the total value of the award instrument when it is incrementally funded. For Grants, include the total amount committed for the entire project period.</i>	
	ZR	Increase <i>Use to indicate the net increase in the award instrument price as a result of the modification.</i>	
	ZS	Decrease <i>Use to indicate the net decrease in the award instrument price as a result of the modification.</i>	
Must Use AMT02	782	Monetary Amount Monetary amount	M R 1/15



Not Used AMT03

478

Credit/Debit Flag Code

Code indicating whether amount is a credit or debit

O ID 1/1

**Segment:** **SE** Transaction Set Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

**Syntax Notes:****Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

**Data Element Summary**

Ref.	Data	Name	Attributes
Des.	Element		
Must Use SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>Enter the same number as the one carried in ST02.</i>	M AN 4/9



# *NIST* Technical Publications

## *Periodical*

---

**Journal of Research of the National Institute of Standards and Technology**—Reports NIST research and development in those disciplines of the physical and engineering sciences in which the Institute is active. These include physics, chemistry, engineering, mathematics, and computer sciences. Papers cover a broad range of subjects, with major emphasis on measurement methodology and the basic technology underlying standardization. Also included from time to time are survey articles on topics closely related to the Institute's technical and scientific programs. Issued six times a year.

## *Nonperiodicals*

---

**Monographs**—Major contributions to the technical literature on various subjects related to the Institute's scientific and technical activities.

**Handbooks**—Recommended codes of engineering and industrial practice (including safety codes) developed in cooperation with interested industries, professional organizations, and regulatory bodies.

**Special Publications**—Include proceedings of conferences sponsored by NIST, NIST annual reports, and other special publications appropriate to this grouping such as wall charts, pocket cards, and bibliographies.

**National Standard Reference Data Series**—Provides quantitative data on the physical and chemical properties of materials, compiled from the world's literature and critically evaluated. Developed under a worldwide program coordinated by NIST under the authority of the National Standard Data Act (Public Law 90-396). NOTE: The Journal of Physical and Chemical Reference Data (JPCRD) is published bimonthly for NIST by the American Chemical Society (ACS) and the American Institute of Physics (AIP). Subscriptions, reprints, and supplements are available from ACS, 1155 Sixteenth St., NW, Washington, DC 20056.

**Building Science Series**—Disseminates technical information developed at the Institute on building materials, components, systems, and whole structures. The series presents research results, test methods, and performance criteria related to the structural and environmental functions and the durability and safety characteristics of building elements and systems.

**Technical Notes**—Studies or reports which are complete in themselves but restrictive in their treatment of a subject. Analogous to monographs but not so comprehensive in scope or definitive in treatment of the subject area. Often serve as a vehicle for final reports of work performed at NIST under the sponsorship of other government agencies.

**Voluntary Product Standards**—Developed under procedures published by the Department of Commerce in Part 10, Title 15, of the Code of Federal Regulations. The standards establish nationally recognized requirements for products, and provide all concerned interests with a basis for common understanding of the characteristics of the products. NIST administers this program in support of the efforts of private-sector standardizing organizations.

*Order the following NIST publications—FIPS and NISTIRs—from the National Technical Information Service, Springfield, VA 22161.*

**Federal Information Processing Standards Publications (FIPS PUB)**—Publications in this series collectively constitute the Federal Information Processing Standards Register. The Register serves as the official source of information in the Federal Government regarding standards issued by NIST pursuant to the Federal Property and Administrative Services Act of 1949 as amended, Public Law 89-306 (79 Stat. 1127), and as implemented by Executive Order 11717 (38 FR 12315, dated May 11, 1973) and Part 6 of Title 15 CFR (Code of Federal Regulations).

**NIST Interagency Reports (NISTIR)**—A special series of interim or final reports on work performed by NIST for outside sponsors (both government and nongovernment). In general, initial distribution is handled by the sponsor; public distribution is by the National Technical Information Service, Springfield, VA 22161, in paper copy or microfiche form.

U.S. Department of Commerce  
National Institute of Standards  
and Technology  
Gaithersburg, MD 20899-0001

Official Business  
Penalty for Private Use \$300